

20000223.qrp v01_n740.qrl.20000223

Date: Wed, 23 Feb 2000 19:03:13 EST

From: qrp-l@Lehigh.EDU

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: QRP-L digest 1740

QRP-L Digest 1740

Topics covered in this issue include:

- 1) [63849] Re: Online Electronics Technologist course ??
by "Vincent Ferme" <vferme@sprint.ca>
- 2) [63850] Tonight's FOX HUNT
by "Deitz, Harold L." <hdeitz@ms.rose.cc.ok.us>
- 3) [63851] Re: HELP--need ideas re magnifying lens
by Charles R Greene <cgreene7@juno.com>
- 4) [63852] OT SuperMorse volumen set?
by Goran Hosinsky <hosinsky@royac.iac.es>
- 5) [63853] feb. issue qrp homebrewer
by K9ut@aol.com
- 6) [63854] Washers & duty cycle stuff
by "Nils R. Young" <nilsbull@juno.com>
- 7) [63855] Re: TT2, QST, FM/F6FTB?
by Ray Colbert <af852@rgfn.epcc.edu>
- 8) [63856] The Kat2 is here!
by Tim Ahrens <tahrens@hilconet.com>
- 9) [63857] Extra Class Study material?
by Reed Foster <fosterr@intelos.net>
- 10) [63858] Re: FOX: FINAL LOG - N0IT
by Dave Sjolin <sjolin@swbell.net>
- 11) [63859] FOX
by Wayne Alexander <walexan@ipa.net>
- 12) [63860] Re: FOX: FINAL LOG - N0IT
by Dave Sjolin <sjolin@swbell.net>
- 13) [63861] Re: FOXhunt for tonight?
by "Wilford D. Lindsey" <70511.3041@compuserve.com>
- 14) [63862] FOX: Second Notice for Hunt #33 - Thursday
by tom palmer <n1tp@worldnet.att.net>
- 15) [63863] FS: Kenwood TS-130V HF QRP Rig
by "tim english" <wb8ogm@hotmail.com>
- 16) [63864] MRX-40 Mod?
by Ed Kessler <edkess@epix.net>
- 17) [63865] Re: Workbench?
by Russ Hines <radioruss@fuse.net>
- 18) [63866] General Coverage Rcvr Recommendations
by Ed Kessler <edkess@epix.net>
- 19) [63867] Re: Workbench

by Russ Hines <radioruss@fuse.net>
20) [63868] cw sending machine/Atlas 210x manual
by "Michael Herman" <kc9nf@hotmail.com>
21) [63869] Re: FOXhunt for tonight?
by Macstein@aol.com
22) [63870] Re: MRX-40 Mod?
by "Nick Kennedy" <nkennedy@tcainternet.com>
23) [63871] Sorry 'bout that...
by "K7FD-N7SG" <cqdx@teleport.com>
24) [63872] Re: FOXhunt for tonight?
by Monte Stark <ku7y@dri.edu>
25) [63873] Fox?
by Skip <longbeard@cybernet1.com>
26) [63874] WTB: Advanced Class Study Manual
by "Brian P. Mileschosky" <n5zgt@swcp.com>
27) [63875] TT2: What output?
by Pat Byers <pbyers@rttinc.com>
28) [63876] Re: Qrp-tech
by "Hal Schlotfeld" <kc0bdw@worldspy.net>
29) [63877] Re: QRP-TECH Announcement
by "Hal Schlotfeld" <kc0bdw@worldspy.net>
30) [63878] Announcing the 2000 Dayton QRP Banquet!
by "Scott Rosenfeld [N7JI]" <ham@w3eax.umd.edu>
31) [63879] RE: Solution to the MJ/DL2RU QTH Problem
by aweiss@usd.edu (Ade Weiss W0RSP)
32) [63880]
by aweiss@usd.edu (Ade Weiss W0RSP)
33) [63881] WOT: DSW-30 Serial #0
by "Rich Clemens" <clemens@wvwc.edu>
34) [63882] Re: FOXhunt for tonight?
by Bruce Ratray <rattray@gpfn.sk.ca>
35) [63883] OT: NEAT DEVICE!!
by "Mike Yetsko" <myetsko@insydesw.com>
36) [63884] RE: FOX hunt = *did* you tape it?
by "Deitz, Harold L." <hdeitz@ms.rose.cc.ok.us>
37) [63885] TT2 output low?
by Pat Byers <pbyers@rttinc.com>
38) [63886] RE: soldering iron for field and backpacking...
by Tayloe Dan-P26412 <Dan.Tayloe@motorola.com>
39) [63887] Q: schematic software
by Stan Yarema <bg783@scn.org>
40) [63888] RE: schematic software
by "Kevin Muenzler, WB5RUE" <wb5rue@stic.net>
41) [63889] Re: Workbench?
by "Jim Osburn, WD9EYB" <wd9eyb@butler.indiana.net>
42) [63890] Re: HELP--need ideas re magnifying lens
by Charles R Greene <cgreene7@juno.com>
43) [63891] DSW-40 Completed

by "Bill Allen" <bill@pcatexas.com>
44) [63892] Re: DSW-30 Serial #0
by "Bill Allen" <bill@pcatexas.com>
45) [63893] "Power Altiods" linear amp erratica
by "Steven Weber" <kd1jv@moose.ncia.net>
46) [63894] Kits
by "Deitz, Harold L." <hdeitz@ms.rose.cc.ok.us>
47) [63895] Re: Kits
by GElam30092@aol.com
48) [63896] Re: HELP--need ideas re magnifying lens
by "Bob Tellefsen" <n6wg@earthlink.net>
49) [63897] Re: MRX-40 Mod?
by "Bob Tellefsen" <n6wg@earthlink.net>
50) [63898] Re: General Coverage Rcvr Recommendations
by "Bob Tellefsen" <n6wg@earthlink.net>
51) [63899] [CLUBS] Is the NJ-QRP site down?
by Macstein@aol.com
52) [63900] RE: HELP--need ideas re magnifying lens
by Fairbairn Bob-C12509 <C12509@NAmerica.mot.com>
53) [63901] SoundBlaster Test Gear
by Bill Jones <kd7s@psnw.com>
54) [63902] POQET PLUS NULL MODEM CABLE
by DONALD DORN <DDORN@CWIS.NET>
55) [63903] Re: [CLUBS] Is the NJ-QRP site down?
by "Jim Nestor" <nestoji@home.com>
56) [63904] QST!!!
by "Mugleston, Brad" <brad.mugleston@gwl.com>
57) [63905] Magfifying light on workbench
by "Charles L. Stackhouse" <cstack@safelink.net>
58) [63906] Re: QST!!!
by "J. Ervin Bates" <w8erv@email.msn.com>
59) [63907] TT2 arrived at my door today!
by N10DL@aol.com
60) [63908] RE: [CLUBS] Is the NJ-QRP site down?
by "Everhart, Joseph @ CSE" <jeverhar@mail.cse.1-3com.com>
61) [63909] Magnifying lights on sale (at RadioShack.com)
by Doug Simpson <dsimpson@darkwing.uoregon.edu>
62) [63910] Magnifying lamps, etc.
by "Robert P. Okas" <vintage@best.com>
63) [63911] RE: [CLUBS] Is the NJ-QRP site down?
by "Everhart, Joseph @ CSE" <jeverhar@mail.cse.1-3com.com>
64) [63912] Speaking of websites
by Bruce Muscolino <w6toy@erols.com>
65) [63913] QRP Special Event from Newington CT 2/26 through 2/27
by "Ed Hare, W1RFI (w1rfi@arrl.org)" <w1rfi@arrl.net>
66) [63914] Re: POQET PLUS NULL MODEM CABLE
by "Don Wilhelm" <w3fpr@arrl.net>
67) [63915] CQC QSO Party This Sunday

by "Marshall Emm" <mgemm@mtechnologies.com>
68) [63916] Web site down?
by "Gary Lee Phillips" <ka9nzi@arrl.net>
69) [63917] TIC/MFJ-90XX interface
by Tim Soxman <tims@hhs.net>
70) [63918] Low current keyboard?
by James Skalski <jskalski@localnet.com>
71) [63919] RE: Speaking of websites
by "Everhart, Joseph @ CSE" <jeverhar@mail.cse.1-3com.com>
72) [63920] Re: QRP Special Event from Newington CT 2/26 through 2/27
by Michael Bower <bowerm@ix.netcom.com>
73) [63921] Re: ANTS: end fed wire QRP RFI
by Stuart Rohre <rohre@arlut.utexas.edu>
74) [63922] Re: HELP--need ideas re magnifying lens
by Bob Kimbrell <kimbrell@netcom.com>
75) [63923] SOP Receiver
by FrConrad@aol.com
76) [63924] microphone suggestion
by M Goins <mgoins@usa.net>
77) [63925] Re: Workbench
by "Benjamin F. Poinsett" <benmail@erols.com>
78) [63926] OT: Ban use of Cellphones?
by Bob Hightower <nk7m@extremezone.com>
79) [63927] RE: SOP Receiver
by Radman <radman@best.com>
80) [63928] FS: SIMPSON 0-1 AMP RF PANEL METER
by "Lou (wb6lqd)" <hummba@pacbell.net>
81) [63929] CQ DX Contest and QRP
by Larry Cahoon <wd3p@juno.com>
82) [63930] Re: OT: Ban use of Cellphones?
by Larry Cahoon <wd3p@juno.com>
83) [63931] FS: Argosy II (525D)
by Jim Thiessen <jthiessen@attcanada.net>
84) [63932] Butterfly Capacitor building.
by Ed Loranger <we6w@qsl.net>
85) [63933] 2nd floor RF ground & natural gas lines
by joe lerch <joelerch@earthlink.net>
86) [63934] Re: Magnifying lamps, etc.
by "Dave Benham" <dodgeboy@mindspring.com>

Date: Tue, 22 Feb 2000 19:04:38 -0500
From: "Vincent Ferme" <vferme@sprint.ca>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [63849] Re: Online Electronics Technologist course ??
Message-ID: <000b01bf7d91\$94b9d5c0\$3c776395@vince>
MIME-Version: 1.0

Content-Type: text/plain;
charset="Windows-1252"
Content-Transfer-Encoding: 7bit

www.etcourse.com

73 de Vince, VA3VF.

----- Original Message -----

From: "Scott Robbins" <srobbins_qrp@hotmail.com>

A while back I saw a post about an electronics technology course offered through the net (correspondence-type). Does anyone recall what the company was or what their website is??

Date: Tue, 22 Feb 2000 18:19:14 -0600
From: "Deitz, Harold L." <hdeitz@ms.rose.cc.ok.us>
To: "'qrp-l@lehigh.edu'" <qrp-l@lehigh.edu>
Subject: [63850] Tonight's FOX HUNT
Message-ID: <0974781F4FC8D211A24600902727E806011B1F39@saturn.rose.cc.ok.us>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

Greetings All,

Just to let you know, I will have the recorder going again tonight. I'm going to try and get that fox no matter how many times I have to hit the rewind button!

Hal - WB9VMY
QRP-L #2129
SOC #70

Date: Tue, 22 Feb 2000 19:22:07 EST
From: Charles R Greene <cgreene7@juno.com>
To: 70511.3041@compuserve.com
Cc: qrp-l@Lehigh.EDU
Subject: [63851] Re: HELP--need ideas re magnifying lens
Message-ID: <20000222.192509.-310003.3.cgreene7@juno.com>
MIME-Version: 1.0
Content-Type: text/plain

Content-Transfer-Encoding: 7bit

On Tue, 22 Feb 2000 13:53:10 -0500 "Wilford D. Lindsey"
<70511.3041@compuserve.com> writes:

Doc,

www.Radioshack.com has threee different models, all good, all
inexpensive. Check them out.

Chas, W1CG

> Gang:
>
> My eyesight continues to deteriorate, now more rapidly than I had
> expected
> or hoped. Been thinking about one of those lighted magnifying
> lenses,
> which sits on the floor or maybe clamps onto the edge of the desk.
>
> To me that all look alike. Could someone recommend the best bang
> for the
> buck system? Thanks.
>
> 72,
> --Doc Lindsey/K0EVZ
> DSBF
> PO BOX 6028
> Bismarck, ND 58506
> K0EVZ@arrl.net

Date: Wed, 23 Feb 2000 00:33:47 +0000
From: Goran Hosinsky <hosinsky@royac.iac.es>
To: qrp-l <qrp-l@lehigh.edu>
Subject: [63852] OT SuperMorse volumen set?
Message-ID: <38B32AEB.6F884F6C@royac.iac.es>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi,
When running SuperMorse under MSDOS and using the sound card,
is there any way to set the volume or is the only solution
putting the earphones far away?

Trying to get my code speed up.
73 Goran ea8yu La Palma Island

Date: Tue, 22 Feb 2000 19:49:57 EST
From: K9ut@aol.com
To: qrp-l@lehigh.edu
Cc: K9ut@aol.com
Subject: [63853] feb. issue qrp homebrewer
Message-ID: <5f.1c62c0a.25e488b5@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

HAS ANYONE RECEIVED THEIR FEB. ISSUE OF THE QRP HOMEBREWER YET THANKS IN
ADVANCE de K9UT JERRY UHTE

Date: Tue, 22 Feb 2000 20:14:57 -0500
From: "Nils R. Young" <nilsbull@juno.com>
To: QRP-L@lehigh.edu, elecraft@qth.net
Subject: [63854] Washers & duty cycle stuff
Message-ID: <20000222.201536.-171353.1.nilsbull@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

Gang,

Somebody a while ago used some kind of fiber washers to bolt down the PA transistors. I have a feeling that I'm gonna need 'em 'cause this digital stuff is gettin' out of hand.

Not that the final transistors get overheated. It's just that I'd prefer not to have to take too much apart in order to fix something that might blow up. Of course, this would give me a chance to finish the 160/80m mod listed on the site. But that's another story.

Downloaded almost every piece of digital software I could find. Came home & put 'em all on this machine. Even a Hellschreiber programl. Turned up on 40m to listen & dang if there weren't two guys chirping at each other. Even the same software as I'd gotten. So I ended up having a nice Q with Don, WQ4W, in Delaware. It was a matter of timing.

I've figured out, I think, what to set the levels for so I don't overdrive the AF input. Or make a crappy signal. But it's not tht easy.

Even if it's a matter of timing.

See y'all on some fuzzy digital thing. Chirp chirp. Dit dit.

Whatever.

73

Nils

.....keeping the output way down & turning the power up to 10 gives me about 5 watts per chirp. Which makes sense to me.

Nils R. B. Young -- El Gringo Errante -- La Estancia de los Guajolotes
Sonrientes

<http://home.fiberia.com/wb8ijn> -- W8IJN --

<http://members.xoom.com/nilsbull>

"In my day we had to FIGHT to have signatures! Every DAY was a STRUGGLE!"
-- Comrade Nikolai Sergeievich

McTovarishov

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<http://dl.www.juno.com/get/tagj>.

Date: Tue, 22 Feb 2000 18:34:52 -0700

From: Ray Colbert <af852@rgfn.epcc.edu>

To: qrp-1@lehigh.edu

Subject: [63855] Re: TT2, QST, FM/F6FTB?

Message-ID: <38B3393C.2CC7313C@rgfn.epcc.edu>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

I haven't been thru the entire issue yet, but just had to drop a note about what I have seen so far. And in keeping with Ed's comments about the "thematic" trend of the issues: I hope that also extends to the correspondence section as well. I read and then RE-read Gerry Elam's letter "Kidnapped by QRP" which I thought was truly inspiring. Had I not already been a long time qrp buff, after reading that fine letter, I would have certainly given the thought more than a passing look. I think it goes along with a comment earlier in the month about "What is QRP" thread that was on here. This certainly fits in with what QRP truly is and the enjoyment it provides. Thanks for

the fine letter, Gerry, and to the ARRL gang and authors for a fine,
much appreciated QRP issue of QST. Off the stump, now.

73

Ray

"The more I see of the representatives of the people,
the more I admire my dogs."

letter from Count d'Orsay to John Foster 1850

Ray Colbert, W5XE, 00TC 3618, SOWP 1064M NARTE-NCT2
(also w5xe@juno.com El Paso, (FAR WEST) TEXAS

Date: Tue, 22 Feb 2000 19:57:15 -0600
From: Tim Ahrens <tahrens@hilconet.com>
To: qrp-1@lehigh.edu
Subject: [63856] The Kat2 is here!
Message-ID: <38B33E7B.848DA3F1@hilconet.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Oh boy, it's here!

cu when I'm done

Tim W5FN

Date: Tue, 22 Feb 2000 21:02:48 -0500
From: Reed Foster <fosterr@intelos.net>
To: qrp-1@Lehigh.EDU
Subject: [63857] Extra Class Study material?
Message-ID: <38B33FC8.5A4784B2@intelos.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

KF4ZWJ

I just recently upgraded to Advanced on Sunday and am planning to
upgrade to Extra in the next couple of weeks. My code speed is up but I
am lacking the Extra Class question pool explanations. I would be
willing to buy someone's used copy if anyone is willing to sell it, or
lend it if you want it back.

72,

Reed Foster

Date: Tue, 22 Feb 2000 20:30:21 -0600
From: Dave Sjolin <sjolin@swbell.net>
To: prvalko@oakland.edu, Qrp-1 Reflector <qrp-1@Lehigh.EDU>
Subject: [63858] Re: FOX: FINAL LOG - N0IT
Message-ID: <38B3463D.2F418670@swbell.net>
MIME-version: 1.0
Content-type: text/plain; charset=us-ascii
Content-transfer-encoding: 7bit

Attached is final corrected log minus non qrp-1 members.

Time	Call	MYRST	URRST	QTH	Name	#	PWR	Points
01:00	N5UW	559	559	OK	Clif	478	--	1
01:02	N5TW	579	570	TX	Tom	1474	--	1
01:03	N4ROA	599	579	VA	Dan	970	--	1
01:04	N0DT	559	589	MO	Dan	1004	--	1
01:05	N0EA	559	559	MO	Wayne	1058	--	1
01:08	K0EVZ	569	569	ND	Doc	861	--	1
01:09	W0JOE	559	559	MO	Joe	1901	--	1
01:10	K5ZTY	559	559	TX	Bill	473	--	1
01:12	K10J	559	559	TX	OJ	732	--	1
01:13	N5IW	559	559	TX	Dave	1718	--	1
01:14	W0CH	559	559	MO	Dave	618	--	1
01:16	N5EN	559	559	TX	Steve	2071	--	1
01:17	K5JHP	559	559	TX	Bill	825	--	1
01:19	WS4S	589	559	TN	Conrad	993	--	1
01:20	W5YR	559	559	TX	George	1373	--	1
01:21	WD8KQY	579	559	OH	Gary	446	--	1
01:23	K5AAR	559	559	OK	Don	1512	--	1
01:24	AF4PS	579	559	FL	Mac	704	--	1
01:27	KA5T	559	559	TX	Larry	89	--	1
01:28	W2XN	559	559	FL	Fred	1728	--	1
01:30	N1TP	559	559	FL	Tom	1317	--	1
01:32	N0UR	579	559	MN	Jim	799	--	1
01:33	NQ7X	559	559	AZ	Floyd	343	--	1
01:36	NK7M	579	559	AZ	Bob	271	--	1
01:37	AF5Z	579	559	TX	Bob	984	--	1
01:39	N0AR	559	559	MN	Scott	1455	--	1
01:40	AJ4Y	579	559	FL	Paul	1795	--	1
01:42	W0RW	599	559	CO	Paul	1284	--	1
01:46	KU7Y	559	559	NV	Ron	17	--	1

01:50	N8IE	559	559	OH	Dan	1404	--	1
01:56	K1JD	559	599	RI	John	1945	--	1
01:58	AE2T	559	559	NY	Al	1664	--	1
02:03	AB7CE	559	559	MT	Roy	1494	--	1
02:04	VE5RC	559	559	SK	Bruce	886	--	1
02:08	W0RSP	569	559	SD	Ade	661	--	1
02:10	N8VAR	559	559	OH	Ron	263	--	1
02:11	AA0ZZ	559	559	MN	Craig	1238	--	1
02:12	W5HNS	569	559	TX	Henry	178	--	1
02:14	KK5LD	599	559	TX	Dan	2052	--	1
02:16	KB9IUA	559	559	IL	Kevin	384	--	1
02:17	K8CV	559	559	MI	Walt	935	--	1
02:18	K1MG	549	559	CA	Mike	614	--	1
02:20	WE6W	549	559	CA	Ed	1068	--	1
02:21	WE7G	559	559	UT	Wayne	481	--	1
02:23	VE3JC	549	559	ON	John	744	--	1
02:24	KC1FB	559	559	CT	Jim	29	--	1
02:26	VE6EWM	559	559	AB	Earl	1076	--	1
02:28	AB0GO	559	559	CO	Dave	785	--	1
02:29	K5UP	599	559	OK	Glenn	21	--	1
02:35	AE4Y	559	559	GA	Kent	1844	--	1
02:37	NV4V	559	559	KY	Pete	1721	--	1
02:39	KG9H	579	559	IL	Frank	2142	--	1
02:40	WB8YYY	559	559	MD	Curtis	2115	--	1
02:41	KQ5U	559	559	TX	Terry	1603	--	1
02:43	NK6A	559	599	CA	Don	1517	--	1
02:45	N0EHW	559	559	MO	Tim	2047	--	1
02:46	N0TU	559	559	CO	Steve	911	--	1
02:50	W7ILW	559	559	AZ	Howard	2010	--	1
02:51	N5IB	559	559	LA	Jim	1913	--	1
02:54	N5LU	579	559	OK	Bill	2009	--	1
02:55	K1VP	559	559	NH	Ed	1960	--	1
02:58	K50I	559	559	NM	Tim	73	--	1
02:59	KD5CMN	559	599	TX	Mike	1328	--	1
03:00	N9SSA	559	599	MI	Pete	2109	--	1

Date: Tue, 22 Feb 2000 20:36:30 -0600
From: Wayne Alexander <walexan@ipa.net>
To: qrp-l@Lehigh.EDU
Subject: [63859] FOX
Message-ID: <4.2.0.58.20000222203608.00967500@popd.ipa.net>
Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"; format=flowed

What happen to the fox?

73,
N0EA
Wayne
Willard,MO
FISTS # 4907
QRP-L # 1058
SOC # 144

Date: Tue, 22 Feb 2000 20:32:21 -0600
From: Dave Sjolin <sjolin@swbell.net>
To: prvalko@oakland.edu, Qrp-l Reflector <qrp-l@Lehigh.EDU>
Subject: [63860] Re: FOX: FINAL LOG - N0IT
Message-ID: <38B346B5.ABC7B53B@swbell.net>
MIME-version: 1.0
Content-type: text/plain; charset=us-ascii
Content-transfer-encoding: 7bit

Attached is final corrected log minus non qrp-l members.

Time	Call	MYRST	URRST	QTH	Name	#	PWR	Points
01:00	N5UW	559	559	OK	Clif	478	--	1
01:02	N5TW	579	570	TX	Tom	1474	--	1
01:03	N4ROA	599	579	VA	Dan	970	--	1
01:04	N0DT	559	589	MO	Dan	1004	--	1
01:05	N0EA	559	559	MO	Wayne	1058	--	1
01:08	K0EVZ	569	569	ND	Doc	861	--	1
01:09	W0JOE	559	559	MO	Joe	1901	--	1
01:10	K5ZTY	559	559	TX	Bill	473	--	1
01:12	K10J	559	559	TX	OJ	732	--	1
01:13	N5IW	559	559	TX	Dave	1718	--	1
01:14	W0CH	559	559	MO	Dave	618	--	1
01:16	N5EN	559	559	TX	Steve	2071	--	1
01:17	K5JHP	559	559	TX	Bill	825	--	1
01:19	WS4S	589	559	TN	Conrad	993	--	1
01:20	W5YR	559	559	TX	George	1373	--	1
01:21	WD8KQY	579	559	OH	Gary	446	--	1
01:23	K5AAR	559	559	OK	Don	1512	--	1
01:24	AF4PS	579	559	FL	Mac	704	--	1
01:27	KA5T	559	559	TX	Larry	89	--	1
01:28	W2XN	559	559	FL	Fred	1728	--	1

01:30	N1TP	559	559	FL	Tom	1317	--	1
01:32	N0UR	579	559	MN	Jim	799	--	1
01:33	NQ7X	559	559	AZ	Floyd	343	--	1
01:36	NK7M	579	559	AZ	Bob	271	--	1
01:37	AF5Z	579	559	TX	Bob	984	--	1
01:39	N0AR	559	559	MN	Scott	1455	--	1
01:40	AJ4Y	579	559	FL	Paul	1795	--	1
01:42	W0RW	599	559	CO	Paul	1284	--	1
01:46	KU7Y	559	559	NV	Ron	17	--	1
01:50	N8IE	559	559	OH	Dan	1404	--	1
01:56	K1JD	559	599	RI	John	1945	--	1
01:58	AE2T	559	559	NY	Al	1664	--	1
02:03	AB7CE	559	559	MT	Roy	1494	--	1
02:04	VE5RC	559	559	SK	Bruce	886	--	1
02:08	W0RSP	569	559	SD	Ade	661	--	1
02:10	N8VAR	559	559	OH	Ron	263	--	1
02:11	AA0ZZ	559	559	MN	Craig	1238	--	1
02:12	W5HNS	569	559	TX	Henry	178	--	1
02:14	KK5LD	599	559	TX	Dan	2052	--	1
02:16	KB9IUA	559	559	IL	Kevin	384	--	1
02:17	K8CV	559	559	MI	Walt	935	--	1
02:18	K1MG	549	559	CA	Mike	614	--	1
02:20	WE6W	549	559	CA	Ed	1068	--	1
02:21	WE7G	559	559	UT	Wayne	481	--	1
02:23	VE3JC	549	559	ON	John	744	--	1
02:24	KC1FB	559	559	CT	Jim	29	--	1
02:26	VE6EWM	559	559	AB	Earl	1076	--	1
02:28	AB0GO	559	559	CO	Dave	785	--	1
02:29	K5UP	599	559	OK	Glenn	21	--	1
02:35	AE4Y	559	559	GA	Kent	1844	--	1
02:37	NV4V	559	559	KY	Pete	1721	--	1
02:39	KG9H	579	559	IL	Frank	2142	--	1
02:40	WB8YYY	559	559	MD	Curtis	2115	--	1
02:41	KQ5U	559	559	TX	Terry	1603	--	1
02:43	NK6A	559	599	CA	Don	1517	--	1
02:45	N0EHW	559	559	MO	Tim	2047	--	1
02:46	N0TU	559	559	CO	Steve	911	--	1
02:50	W7ILW	559	559	AZ	Howard	2010	--	1
02:51	N5IB	559	559	LA	Jim	1913	--	1
02:54	N5LU	579	559	OK	Bill	2009	--	1
02:55	K1VP	559	559	NH	Ed	1960	--	1
02:58	K5OI	559	559	NM	Tim	73	--	1
02:59	KD5CMN	559	599	TX	Mike	1328	--	1
03:00	N9SSA	559	599	MIX-Mozilla-Status: 0009--				1

Date: Tue, 22 Feb 2000 21:50:56 -0500
From: "Wilford D. Lindsey" <70511.3041@compuserve.com>
To: "INTERNET:n1tp@worldnet.att.net" <n1tp@worldnet.att.net>
Cc: "W.D.(Doc)Lindsey/K0EVZ" <70511.3041@compuserve.com>, QRP-L Discussion Group
<QRP-L@Lehigh.edu>
Subject: [63861] Re: FOXhunt for tonight?
Message-ID: <200002222154_MC2-9A39-ED40@compuserve.com>
MIME-Version: 1.0
Content-Transfer-Encoding: 7bit
Content-Type: text/plain;
charset=us-ascii
Content-Disposition: inline

Tom:

No FOX nor FOX hunt heard--NADA--as of 0250Z. Nuts. You had any luck?

72,

--Doc Lindsey/K0EVZ
DSBF
PO BOX 6028
Bismarck, ND 58506
K0EVZ@arrl.net

Date: Tue, 22 Feb 2000 21:57:32 -0500
From: tom palmer <n1tp@worldnet.att.net>
To: QRP-L <qrp-l@Lehigh.EDU>
Subject: [63862] FOX: Second Notice for Hunt #33 - Thursday
Message-ID: <38B34C9C.F1B063B4@worldnet.att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

HUNT #33. N1TP (Tom) in SW Florida
Stateside Time: Thursday - Feb. 24
UTC: 0200 - 0400 - Friday - Feb. 25

Starting at 0200 Z sharp, listen for me around 7.041.20.

Only "fox qrz" means "Call the Fox."

"dit dit" and "tu" to former Hound do NOT mean "Call the Fox."

I'll listen UP only (left) from 1.00 to 1.50 kHz during the pile-up. After the pile-up thins, I'll listen between .50 to 1.00 kHz up. Please "move closer" (to within .50 kHz up) after pile-up thins.

Drop your call sign as many times as you want for up to 10 seconds. (K1JD and K0EVZ can drop their call signs 4 times in 10 seconds). This may allow me to pick out 2 or 3 call signs. While the pile-up lasts, I may try some "N1FN mini-lists," thereby giving out more than 1 pelt before calling "fox qrz" - to request a "Hound's call."

My exchange to you will be:

"(Your call) de N1TP 5NN FL TOM 1317 (your call) BK"

All exchange info to you (except your call sign) will be sent 15 WPM faster than I send your call sign. Your call sign will be sent at about the speed you send it to me. I'll generally like to operate at 26 WPM.

Accurate signal reports will be posted in the Log.

Please reply with the following exchange:
[Your call], my RST, your state, name and QRP-L # [&] BK"

Either "dit dit" or "tu" to you confirms: "You're in the Log."

If I request a fill, please send only info requested IF you can make out the missed info, otherwise send all your info once (sans your call sign).

My rig is Kenwood TS-450-AT @ 5W into 2 element homebrew mono yagi.

I'll start out with my beam pointed toward New England and will swing incrementally westward once during the first hour and 1/2: toward Chicago, Seattle, and California. I'll sweep again counter-clockwise a 2nd time during last 1/2 hour of the Hunt.

The northern mid-west and far west can seldom be heard in SW FL until after 0300 UTC. Because of the "Gulf of Mexico effect," CO., MO., OK., Louisiana and "Pesky Texans" can be heard here no matter what.

Good luck! to all. Here's hoping for good band conditions.

I hope band conditions are better than now (Tuesday evening). Although there is much white noise here in SW FL, can still hear some signals out there. There are very few hams operating between 7.035 and 7.045 kHz. Perhaps band conditions have driven

many away.

Heard Doc, K0EVZ, at 0159 UTC - he dropped his call once just to let us know he's "out there."

Tom Palmer, N1TP
Naples, FL - "Almost in the Everglades"
QRP-L # 1317

n1tp@worldnet.att.net

3065 50th LN, SW
Naples, FL 34116

Date: Tue, 22 Feb 2000 19:19:50 PST
From: "tim english" <wb8ogm@hotmail.com>
To: qrp-l@lehigh.edu
Subject: [63863] FS: Kenwood TS-130V HF QRP Rig
Message-ID: <20000223031950.56149.qmail@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

Nice TS-130V QRP rig. All functions work great, hot front end, great S/N ratio. 10-12 watts out on all bands 80 through 10 including all WARC bands. I would rate it an 8.5 out of 10 physically. Has a few scuffs on the side and top panels. Comes with hand mic, long original power cord, MC-30S hand mic and a TS-130S original carton. Asking \$400 plus a little for shipping. Also open for trades for other HF or 6 meter gear, amps, 2 and 6 meter all mode gear, etc.

--
Tim, K8TJ
(cw-man)

Get Your Private, Free Email at <http://www.hotmail.com>

Date: Tue, 22 Feb 2000 22:18:11 -0500
From: Ed Kessler <edkess@epix.net>
To: QRP-L <qrp-l@Lehigh.EDU>
Subject: [63864] MRX-40 Mod?
Message-ID: <38B35173.DFCE70B3@epix.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Just picked up a MRX-40 rcvr. I think it performs quite well, considering its minimal circuitry.

Has anyone tried replacing the 1N4004 diode -- used as a varicap -- with a real varicap? Would there be an appreciative difference in using one rated at, say, 15pf, to increase the tuning range?

Just thinking.

73s

Ed AA3SJ

Date: Tue, 22 Feb 2000 22:25:06 -0500
From: Russ Hines <radioruss@fuse.net>
To: n6wg@earthlink.net, Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [63865] Re: Workbench?
Message-ID: <38B35312.1884D7ED@fuse.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

If you mean putting AC outlets on the front edge of your workbench countertop, that's a BAD place for them. You can't see them while working at the bench. And serious injury can result from things hanging from and/or attached to a belt getting "stuck" into an outlet while working at the bench. Belt buckles and keys are common culprits.

A better place for the AC outlets is on the front edge of a shelf 12" or so above the benchtop. The shelf holds your test equipment for easy access, and the AC outlets are within view, easy reach, off of the work surface, and out of the way.

You're right about the rest, can't have enough.

73,
Russ
WB8ZCC

Bob Tellefsen wrote:

>
> Brian
> Having gone through the same exercise a few years ago, one observation.

> You can never have enough ac outlets.
> Don't put them across the back of the bench, you will cover them up with
> things you set in front of them.
> Put lots of outlets under the front lip of the worksurface where you can get
> at them.
> Put in twice as many as you think you will need. You will surprise yourself
> at how many things need an outlet.
> 73, Bob N6WG

Date: Tue, 22 Feb 2000 22:27:33 -0500
From: Ed Kessler <edkess@epix.net>
To: QRP-L <qrp-l@Lehigh.EDU>
Subject: [63866] General Coverage Rcvr Recommendations
Message-ID: <38B353A5.3228DF1B@epix.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I am looking for a general coverage rcvr to use primarily as a piece
of test equipment for homebrew alignment of vfos etc. Reasonably
priced.

Any suggestions.

Any for sale?

73s
Ed AA3SJ

Date: Tue, 22 Feb 2000 22:32:57 -0500
From: Russ Hines <radioruss@fuse.net>
To: BBradfield@spectrapoint.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [63867] Re: Workbench
Message-ID: <38B354E9.FAB22109@fuse.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=iso-8859-1
Content-Transfer-Encoding: quoted-printable

The only stray RF generators I want on or near my bench are the circuits
I'm working on, so it's all incandescent light for me.

Of course, I'm not including valuable pieces of test equipment, like
that cute little DDS VFO board I received from Steven Weber. ;-)

73,
Russ
WB8ZCC

Bradfield, Brad V. wrote:

$$> =$$

```
> Oh, yeah, and have plenty of light available on the bench. I bought several
```

```
> small fluorescent fixtures (12" tubes) and installed them under the low=
est
```

> shelf above the bench. I also have a gooseneck magnifying lamp with a
> circline fluorescent tube that I can pull into position when needed.

$$> =$$

> 72's es 73's,

$$> =$$

> Brad, W5CGH

$$> =$$
[illegible]
$$> =$$

> Brad Bradfield, PE W5CGH Test Staff Engineer
> (ex WB=D8CGH) SpectraPoint Wireless LLC

$$> =$$

```
> Real men talk with their fingers!
```

$$> =$$

> NORTEX NORCAL ORP-L #377

> SMIRK #4906 QRP-ARCI # ARS #72

```
> Austin QRP Club #i      Alaska QRP Club #350
```

Date: Tue, 22 Feb 2000 19:33:34 PST
From: "Michael Herman" <kc9nf@hotmail.com>
To: qrp-l@Lehigh.EDU
Subject: [63868] cw sending machine/Atlas 210x manual
Message-ID: <20000223033334.23530.qmail@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

Wanted manuals from a CW sendin' machine and a atlas 210x/ Mike KC9NF

Get Your Private, Free Email at <http://www.hotmail.com>

Date: Tue, 22 Feb 2000 22:33:55 EST
From: Macstein@aol.com
To: 70511.3041@compuserve.com, qrp-1@lehigh.edu
Subject: [63869] Re: FOXhunt for tonight?
Message-ID: <a6.feeb2d.25e4af23@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

In a message dated 02/22/100 9:56:09 PM EST, 70511.3041@compuserve.com writes:

> Tom:
>
> No FOX nor FOX hunt heard--NADA--as of 0250Z. Nuts. You had any luck?
>
> 72,
> --Doc Lindsey/K0EVZ
> DSBF
> PO BOX 6028
> Bismarck, ND 58506

Wierd,

I heard a pesky Texan send the exchange on 7.041 and clearly heard Bob, AF4Z calling, but I didn't hear Floyd or a pack. The digital noise and QRN is very high here -- even with the K2 tightend down and the DSP in line. yuck!

-MAC-
AF4PS
Odessa, FL

Date: Tue, 22 Feb 2000 21:51:13 -0600
From: "Nick Kennedy" <nkennedy@tcainternet.com>
To: <edkess@epix.net>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [63870] Re: MRX-40 Mod?
Message-ID: <002901bf7db1\$3c9bf380\$5b5c32cf@tcac.net>
MIME-Version: 1.0
Content-Type: text/plain;

charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

From: "Ed Kessler" <edkess@epix.net>

>
> Has anyone tried replacing the 1N4004 diode -- used as a
varicap --
> with a real varicap? Would there be an appreciative
difference in
> using one rated at, say, 15pf, to increase the tuning
range?

I tried it and ended up going back to the 1N4004. But maybe
I didn't have a small enough varicap. If you have one the
right size you might expand the range.

72,

Nick, WA5BDU

Date: Tue, 22 Feb 2000 19:52:53 -0800
From: "K7FD-N7SG" <cqdx@teleport.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [63871] Sorry 'bout that...
Message-ID: <007001bf7db1\$79541460\$99231ad8@default>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Sri if I interrupted the FOX hunt...I asked QRL? and didn't hear any
response.

72 John K7FD

Date: Tue, 22 Feb 2000 20:01:15 -0800 (PST)
From: Monte Stark <ku7y@dri.edu>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

Subject: [63872] Re: FOXhunt for tonight?
Message-ID: <Pine.GS0.4.10.10002221959070.14280-1000000@rotor.dri.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Heard KI0II early. Made a call like he was calling the
fox but nothing else heard.

Later I heard WE6W and K0EVZ. Sounded like Doc got the
fox.

But NO fox heard here. Noise is S9 and not even the Noise
Thinggy by DeMaw helps!

Storm is here....

cul,

73, Ron

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@qsl.net....SOC #2.....Nevada....NRA LIFE....
.....SOWP 5545M.....WHINERS #1.....ZOMBIE #18.....

Date: Wed, 23 Feb 2000 21:14:33 -0700
From: Skip <longbeard@cybernet1.com>
To: qrp-l@Lehigh.edu
Subject: [63873] Fox?
Message-ID: <3.0.6.32.20000223211433.007aed10@mail.cybernet1.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="iso-8859-1"
Content-Transfer-Encoding: quoted-printable

Didn't here the FOX or real hunters here...

Heard Doc (EVZ) carry on a short Qso, N7RR calling for hunters wondering
where the Fox is, but no Fox or hunt!

Great condx!

Skip, K=D8YWD
Stevensville, Montana DN26
SOC #38 QRP-C #146, QRP-L #2003, CQC #616, Zombie #641 =20

Date: Tue, 22 Feb 2000 22:07:07 -0700
From: "Brian P. Mileschosky" <n5zgt@swcp.com>
To: <qrp-1@Lehigh.EDU>
Subject: [63874] WTB: Advanced Class Study Manual
Message-ID: <000f01bf7dbb\$d5a9e1e0\$9d0586cc@hlw11>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hello Everybody,

Well, I have an Extra Class study manual on the way right now. Now all I need is the Advance Class manual.

I'm looking to buy, or borrow either a Gordon West or ARRL Advanced Class study guide if anybody has one. I'm going to try to upgrade to Extra before the 15th of April with what time I have to study.

It would be most appreciated! Thanks!

72,
Brian, N5ZGT
<http://www.unm.edu/~brianm>

Date: Tue, 22 Feb 2000 22:17:00 -0700
From: Pat Byers <pbyers@rttinc.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [63875] TT2: What output?
Message-ID: <4.2.2.20000222221017.00a54e20@127.0.0.1>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

I seek the wisdom of the list. :)

Tonight I built a Tuna Tin 2, Rev. C and it worked great from the start. The power output seemed a bit low at 200 mW measured with an OHR WM-2 so I added a diode to ground at the base of the PA transistor Q2 (cathode side up) and the output increased substantially to 300 mW. I recall at least one post a long time ago that indicated that up to 600 mW was possible with a

TT2 and 500 mW was typical. Is this so? If so, what's the secret to more power?

72,

Pat Byers VE6AAN

Date: Wed, 23 Feb 2000 00:36:08 -0600
From: "Hal Schlotfeld" <kc0bdw@worldspy.net>
To: <qrp-1@Lehigh.EDU>
Subject: [63876] Re: Qrp-tech
Message-ID: <007f01bf7dc8\$451ca6a0\$75996520@kc0bdw>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Sounds like a great idea Mont. I think that Chuck has a great idea here too.
Hal

Date: Wed, 23 Feb 2000 00:40:23 -0600
From: "Hal Schlotfeld" <kc0bdw@worldspy.net>
To: <qrp-1@Lehigh.EDU>
Subject: [63877] Re: QRP-TECH Announcement
Message-ID: <009301bf7dc8\$dda25dc0\$75996520@kc0bdw>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

This reminds me of my American History teacher from High School. You do every lesson and you pass.. regardless if you failed every test as long as you learned something in the class he would pass you. You would definitely learn a lot of history from this man..
Hal

Date: Wed, 23 Feb 2000 02:22:50 -0500 (EST)
From: "Scott Rosenfeld [N7JI]" <ham@w3eax.umd.edu>

To: qrp-1 <qrp-1@lehigh.edu>
Subject: [63878] Announcing the 2000 Dayton QRP Banquet!
Message-ID: <Pine.LNX.4.10.10002230146020.18595-100000@w3eax.umd.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Dear fellow QRPers!

I am delighted to announce that tickets are on sale for the 2000 Dayton QRP banquet! This festive dinner will be held Friday, May 19, 2000 at 7:00 p.m. at the Days Inn Dayton South, Miamisburg, Ohio.

The cost is \$25 per person and includes a rather sumptuous buffet plus the chance to win a large number of door prizes. If you're planning on being in Dayton, this is one event you just CAN'T miss. Meet your fellow QRPers from all over the world and join them in some good eatin' after a hard day of walking, swapping, and wheeling & dealing.

Besides, we have a SPECIAL KEYNOTE SPEAKER!

But first, a word from our sponsors.

----- QRP ARCI is sponsoring the Four Days in May events.
The banquet is one of these events (one of my favorites!)

----- Do you make/sell QRP-related items, kits, or building supplies...
...OR...

Do you simply want to add to the excitement by donating a prize?
Door prize donors receive publicity (or not, your choice)
and add a lot of excitement to the festivities!
Please contact me if you'd like to donate a door prize.

And now, back to our main story...our KEYNOTE SPEAKER is...

QRP Hall of Famer and famed Norcal/Wilderness/Elecrafter designer

All the way from California...

WAYNE BURDICK, N6KR

To register for the banquet, send check or money order for \$25/ticket, made out to QRP ARCI (not to me) and send it to:

Scott Rosenfeld N7JI
766 Brookside Drive

Eugene, OR 97405-4931

Please include an SASE so I can mail you your tickets. I look forward to seeing y'all - and hey, it's only three months (and in my case, 2500 mi.) away!!!

72, best wishes, and keep that ionosphere good 'n charged,

Scott Rosenfeld, N7JI (ex-NF3I)
QRP Banquet Chairman

Scott Rosenfeld ARS N7JI
541-684-9970 Eugene, OR Land o' much rain
If you find me on the air, I'm probably in my car
ham@w3eax.umd.edu <http://w3eax.umd.edu/~ham>

Date: Wed, 23 Feb 2000 01:36:08 -0600 (CST)
From: aweiss@usd.edu (Ade Weiss W0RSP)
To: qrp-l@lehigh.edu
Subject: [63879] RE: Solution to the MJ/DL2RU QTH Problem
Message-ID: <200002230736.BAA06604@sunburst.usd.edu>

Hi gang -- Tnx for the hints about finding DL2RUs QTH.

Here's a new one: an envelope came from the Zero QSL Buro with MJ/DL2RU's QSL in it. Beautiful satellite photo of Jersey and the G and F coasts.

Only problem -- Hans has the QTH of the Hotel des Pierres as his address! Maybe they'll forward my return to him.

72, Ade

Date: Wed, 23 Feb 2000 01:56:00 -0600 (CST)
From: aweiss@usd.edu (Ade Weiss W0RSP)
To: qrp-l@Lehigh.EDU
Message-ID: <200002230756.BAA09435@sunburst.usd.edu>

Gary asked about his power-level-specific r.f. problem:

"Now here is the oddity. On 7 MHz (often) and 14 MHz

(occasionally) I get some RF feedback. It's enough to affect an SSB signal and will lock up the computer or TU when running RTTY. I reconfigured everything, changed the location of the transmatch (thus shortening the feeder) etc. this weekend, and still had trouble on 7 MHz. Then the discovery--this problem only exists at less than 10 watts output! If I raise my output drive to 20 or more watts, the computer/TU problems disappear. How can this be? I had been trying to reduce power to reduce the feedback, but with no success."

I'll take a guess. About the only variable that I can think of which would correlate to a specific downside power-level cut-off is the final amp output filter and its relation to the load impedance at which the final is designed to operate.

For example, if this rig is designed to operate at 20w and above (what rig is it?) at 12.6vdc, the collector load impedance will be extremely low -- a few ohms -- and the output filter will be designed to transform the 50-ohm antenna jack impedance to that very low level. If you drop output power below a certain level like 20 or 15 watts, say down to 10, the collector load impedance rises dramatically, but the transformation ratio of the output filter remains constant. Hence, two things could happen. First, it no longer actually is doing its lowpass filtering because of termination mismatches. Or second, it is inviting the collector circuit to amplify and pass all kinds of unwanted r.f. freqs. Now that I think of it, third, the base input impedance of the final will also exhibit a dramatic change, which in turn affects the load seen by the driver stage, which in turn detunes its freq. determining circuitry.

Test this. toss together a 50ohm 3-dB resistive attenuator, put it between the xcvr output and the antenna or ATU, and then see if everything is OK at 20w output-- which will be dropped to 10w at the output of the attenuator. If this works, drop the drive level and output power and see if the r.f. problem crops up again when you get down to 10w or lower output from the xcvr. If you can now drop the xcvr output to below 10w, the problem is as I have described above.

Good luck.

72 Ade

Date: Wed, 23 Feb 2000 07:02:50 -0500

From: "Rich Clemens" <clemens@wwwc.edu>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [63881] WOT: DSW-30 Serial #0
Message-ID: <003301bf7df5\$e8b811a0\$f065010a@wwwc.edu>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

My DSW-30 kit arrived in the mail yesterday and I am very pleasantly surprised at the quality of the kit, parts, and most importantly the instructions. I have built QRP kits from many sources (and scratch) over the years and on first review find this kit outstanding. I will continue to post to this list as construction begins this evening since the boss goes to an art class.

--

Richard Clemens, KB8A0B
clemens@wwwc.edu

Date: Wed, 23 Feb 2000 07:24:49 -0600 (CST)
From: Bruce Rattray <rattray@gpfn.sk.ca>
To: Monte Stark <ku7y@dri.edu>
Cc: QRP-Canada <qrp-canada@lists.gpfn.sk.ca>, Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [63882] Re: FOXhunt for tonight?
Message-ID: <Pine.LNX.3.95.1000223072228.343A-1000000@neale.gpfn.sk.ca>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Nothing heard at my qth of the fox or the hounds.....listened for the 2 hours...heard the qso between Doc and Ed.....sounded like Doc had not heard the fox either....vy high static level last night...and so it goes eh!?!

..72/73 - Bruce (VE5RC+VE5QRP) QRP-C#1 QRP-L#886 ARCI#9683 Zombie#272
A-1 Operator Club - 10/10# 944 - SOC #11 & #12 - Whiner#10 -
"QRP! How sweet it is!" "I am da man wit "DAH" paddle!"
"I "retired" in 1962....that's when I got my ham license!"

Date: Wed, 23 Feb 2000 08:39:44 -0500

From: "Mike Yetsko" <myetsko@insydesw.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [63883] OT: NEAT DEVICE!!
Message-ID: <005001bf7e03\$c9a07100\$9001a8c0@mikey>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

This is off-topic, but since QRP is more hardware hackers than almost any other widely dispersed group, I thought I'd bring it up here.

I just got the new Circuit Cellar. There is an article about a SIMM module that does USB.

No, this is NOT for plugging into your SIMM socket in your PC.

You have a laptop, or PC, or whatever. It has serial, parallel, and USB. But your serial and parallel are use. And other people may or may not have devices on their interfaces. But USB is there. Like it or not, good or bad, it IS the wave of future expansion.

So, how does the average hacker at home use USB? It's a pain to start from scratch.

THAT is what this SIMM USB thing does. It's a USB device that you can 'design in' to your projects. And use it for almost ANYTHING! It's built so that you can pick up standare SIMM sockets and just mount one on your project board. Now your 'project' is a USB project!!

Radio control, rotators, remote control, antenna switches, whatever.

I'll bet a USB TNC is not far away now.

NEAT!

I think it's so neat and I'm so excited I may spill my milk and cookies!!

Mike

Date: Wed, 23 Feb 2000 08:04:31 -0600

From: "Deitz, Harold L." <hdeitz@ms.rose.cc.ok.us>
To: "'qrp-l@lehigh.edu'" <qrp-l@lehigh.edu>
Subject: [63884] RE: FOX hunt = *did* you tape it?
Message-ID: <0974781F4FC8D211A24600902727E806011B1F3B@saturn.rose.cc.ok.us>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

Doc,

I heard the same thing so I QSY'd to 41.15. When I got there, I didn't hear anything but static. Even the hounds went away. I listened for a long time and then gave a couple of calls. Nothing. By the way, I didn't know we had a ham band up at 41 Mhz. Lucky I had that wide-band six meter rig ready to go!

Hal - WB9VMY - I try harder because I'm only second class. SOC #70 QRP-L #2129

-----Original Message-----

From: Wilford D. Lindsey [mailto:70511.3041@compuserve.com]
Sent: Wednesday, February 23, 2000 7:54 AM
To: INTERNET:hdeitz@ms.rose.cc.ok.us
Cc: W.D.(Doc)Lindsey/K0EVZ
Subject: FOX hunt = *did* you tape it?

Hal:

Well, did you in fact TAPE last evening's FOX hunt? Sure hope so, because I *believe* I bagged him at 0353. Couldn't hear a hunt at first, so I worked Ed WE6W and he said twice the FOX was on "41.15".

So I came out on the frequency and at 0353 believe I heard the FOX throw out a call. I went back, and someone sent DOC, a number, and BK. I went back, giving my information twice.

The question--Did you in fact tape the hunt, and did you hear whether I bagged him? Of course a FOX log posted will say for sure, but it would be a relief to hear from you early!

72,

--Doc Lindsey/K0EVZ

DSBF

PO BOX 6028

Bismarck, ND 58506

K0EVZ@arrl.net

Date: Wed, 23 Feb 2000 07:12:28 -0700
From: Pat Byers <pbyers@rttinc.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [63885] TT2 output low?
Message-ID: <4.2.2.20000223070855.00a54730@127.0.0.1>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Hi all,

I was a bit too hasty and perhaps too tired when I sent my previous post on this topic. After I went to bed I realized that I had forgotten to change the configuration of the PA collector transformer as per the schematic in Revision C. When I have the time, I'll do this. I expect that will substantially improve the output.

BTW, I'm not a power monger. :) Right now I have a very poor antenna for 40m so I need a bit more than 300 mW to compensate. The diode trick in this case was remarkably effective. It should help most TT2s as long as the output PA can accommodate more drive.

Thanks and 73,

Pat VE6AAN

Date: Wed, 23 Feb 2000 07:45:40 -0700
From: Tayloe Dan-P26412 <Dan.Tayloe@motorola.com>
To: "'tscott@eni.net'" <tscott@eni.net>, "'qrpl'" <qrp-l@Lehigh.EDU>
Subject: [63886] RE: soldering iron for field and backpacking...
Message-ID: <87568F78ABDCD211A0AC0008C707718B319605@az10exm03.sat.mot.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

> Thought someone here might be able to help me figure out how
> to power a Weller MCP650 or MCP750 miniature iron for field use.

Tom:

I use a 120v inverter and a 10 AH gell cell for this. The local Fry's Electronics has a 150w inverter that they put on sale for \$19 every once in a while that works great for this application.

I find that a bag with the inverter, battery, and iron, is *much* easier to deal with than trying to move around a 100' extension cord (that is never quite long enough) when working on antennas in my back yard.

In most of my field operations, the car (and its battery) is usually not too far away.

I would not recommend this for back packing though!

I have two butane powered soldering irons that I don't like using. I find them hard to fill, hard to start, and despite the claims of 4 hours per fill, they usually last only about 20 minutes for me and are thus kind of expensive to operate. However, these irons are more backpacking friendly.

Good Luck!

- Dan Tayloe, N7VE; Phoenix, Az; Az ScQRPions

Date: Wed, 23 Feb 2000 07:48:58 -0800 (PST)
From: Stan Yarema <bg783@scn.org>
To: qrp-l@lehigh.edu
Subject: [63887] Q: schematic software
Message-ID: <Pine.SUN.3.96.1000223074626.20486B-100000@scn>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi Gang,

Does anyone know what software was used to create the 38 special schematics. There are some nice waveform and voltage symbols in the drawing.

Thanks..... Stan, K7SY

Date: Wed, 23 Feb 2000 09:53:49 -0600
From: "Kevin Muenzler, WB5RUE" <wb5rue@stic.net>
To: <bg783@scn.org>, "'Low Power Amateur Radio Discussion'" <qrp-l@Lehigh.EDU>
Subject: [63888] RE: schematic software
Message-ID: <000001bf7e16\$2e1128c0\$ef5d6f81@v8.uthscsa.edu>
MIME-Version: 1.0

Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

There are several very good graphics design packages out there that offer "electronic symbols" also. I use a product called VISIO.

Kevin, WB5RUE

> -----Original Message-----
> From: owner-qrp-1@Lehigh.EDU
> [mailto:owner-qrp-1@Lehigh.EDU]On Behalf Of
> Stan Yarema
> Sent: Wednesday, February 23, 2000 9:49 AM
> To: Low Power Amateur Radio Discussion
> Subject: Q: schematic software
>
>
> Hi Gang,
> Does anyone know what software was used to create the 38 special
> schematics. There are some nice waveform and voltage symbols in the
> drawing.
> Thanks..... Stan, K7SY
>
>
>

Date: Wed, 23 Feb 2000 11:10:56 -0500
From: "Jim Osburn, WD9EYB" <wd9eyb@butler.indiana.net>
To: qrp-1@lehigh.edu
Subject: [63889] Re: Workbench?
Message-ID: <38B40690.5B1D@butler.indiana.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Brian,

No QRP workbench is truly a QRP workbench until it's piled high with equipment, projects, parts, wires, paper, magazines, books, etc. The front of the Data Book for Homebrewers and QRPers by Paul Harden, NA5N, shows a picture of something that once was a QRP workbench. The Kanga US website has a picture of the front of the book.
<http://www.bright.net/~kanga/kanga/misc1.htm>
If I remember correctly, my copy isn't here right now, there's a

picture on the back of the book of the bench when it was a real QRP workbench. I hope to someday to achieve such nirvana.

The book Analog Circuit Design, Art, Science and Personalities by Jim Williams also has a good picture of what could be a QRP workbench on the cover. I don't think Mr. Williams is a QRPer, though he should be.

Anyway, when laying out your bench I think you need to have a place for doing nasty things, like drilling a PCB, but is far enough away from the equipment that nasty stuff doesn't get into it.

It's nice to have frequently used parts on the bench but mostly I prefer my parts stored elsewhere. When working on a project I make up a little kit from my parts stash and then take it to the bench for assembly.

You also need to consider if your going to operate from your bench or not. If not you should have it close to your operating position so you can listen to the band while working.

Jim, WD9EYB

Date: Wed, 23 Feb 2000 11:13:39 EST
From: Charles R Greene <cgreene7@juno.com>
To: nkennedy@tcainternet.com, qrp-1@Lehigh.EDU
Cc: cgreene7@juno.com
Subject: [63890] Re: HELP--need ideas re magnifying lens
Message-ID: <20000223.111349.-309329.0.cgreene7@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

On Tue, 22 Feb 2000 19:09:29 -0600 "Nick Kennedy"
<nkennedy@tcainternet.com> writes:

Yes they do, Nick. It took me awhile to find them even in the catalog. Try Workstation Lighting. Cat #910-3530, 5" with circline lamp, \$54.99; #910-3529, 4" with regular 60 watt lamp, \$16.99; #910-3531, 5" with Halogen lamp, \$64.99. Call 1-800-442-7221, or www.radioshack.com. You can also get a catalog. Their tools are pretty reasonable too. Someone was asking about a flush cutter. Under pliers and IC Tools, #910-3735, \$3.99. They are a little less on some parts, but it

pays to shop around.

72/73 Chas W1CG

```
> They hide 'em good.
>
> "magnifier", "magnifying", and "lens" all give zero hits.
>
> What did you search on?
>
> Nick, WA5BDU
>
>
>
> ----- Original Message -----
> From: "Charles R Greene" <cgreene7@juno.com>
> To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
> Sent: Tuesday, February 22, 2000 6:22 PM
> Subject: Re: HELP--need ideas re magnifying lens
>
>
> >
> >
> > On Tue, 22 Feb 2000 13:53:10 -0500 "Wilford D. Lindsey"
> > <70511.3041@compuserve.com> writes:
> >
> > Doc,
> >
> > www.Radioshack.com has threee different models, all good,
> > all
> > inexpensive. Check them out.
> >
> > Chas, W1CG
> >
> > > Gang:
> > >
> > > My eyesight continues to deteriorate, now more rapidly
> > > than I had
> > > expected
> > > or hoped. Been thinking about one of those lighted
> > > magnifying
> > > lenses,
> > > which sits on the floor or maybe clamps onto the edge of
> > > the desk.
> > >
> > > To me that all look alike. Could someone recommend the
```

> best bang
> > > for the
> > > buck system? Thanks.
> > >
> > > 72,
> > > --Doc Lindsey/K0EVZ
> > > DSBF
> > > PO BOX 6028
> > > Bismarck, ND 58506
> > > K0EVZ@arrl.net
> >
>

Date: Wed, 23 Feb 2000 10:14:22 -0600
From: "Bill Allen" <bill@pcatexas.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [63891] DSW-40 Completed
Message-ID: <004b01bf7e19\$0bb42220\$356840ce@outown.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi Gang!

I finished my DSW-40 yesterday. Works great! I would like to say that this was my first kit building experience. I am so pleased with how it went that I am gearing up to tackle something even bigger, like a K2. I had ZERO problems as far as the kit, parts, and manual are concerned.

I want to thank Dave for providing such a good kit. The parts were all there, the manual is TOPS, and Dave was very nice to promptly answer an inquiry I had concerning a parts identification issue (my fault not his).

I would highly recommend the Smallwonderlabs DSW series to any first timer. The quality of the kit is very high.

I am having a bit of difficulty doing the audio alignment, matching the tones. Just a problem with my hearing, not the unit. Does anyone know of some software that I could get a hold of so that I can feed the DSW's audio into my sound card on my PC and analyse it like with an O-SCOPE? I think I have the alignment close, but would like to do a better job of it.

See y'all on 40M CW!

KC5ADF
Bill Allen

Date: Wed, 23 Feb 2000 10:17:02 -0600
From: "Bill Allen" <bill@pcatexas.com>
To: <clemens@wvwc.edu>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [63892] Re: DSW-30 Serial #0
Message-ID: <005d01bf7e19\$6b3b6500\$356840ce@outown.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Richard,

I just finished a DSW-40. I think you will be very pleased with the whole building process on your unit.

Have fun! :-))

73,
kc5adf
Bill Allen

----- Original Message -----

From: Rich Clemens <clemens@wvwc.edu>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Sent: Wednesday, February 23, 2000 6:02 AM
Subject: WOT: DSW-30 Serial #0

> My DSW-30 kit arrived in the mail yesterday and I am very pleasantly
> surprised at the quality of the kit, parts, and most importantly the
> instructions. I have built QRP kits from many sources (and scratch) over
the
> years and on first review find this kit outstanding. I will continue to
> post to this list as construction begins this evening since the boss goes
to
> an art class.
>
> --
> Richard Clemens, KB8A0B

> clemens@wwwc.edu

>

>

Date: Wed, 23 Feb 2000 12:11:32 +0000
From: "Steven Weber" <kd1jv@moose.ncia.net>
To: qrp-l@lehigh.edu
Subject: [63893] "Power Altiods" linear amp erratica
Message-ID: <200002231651.LAA24301@wolf.ncia.net>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

Howdy,

For anyone trying to build the "Power Altiods" 10W linear amp from the Jan 2000 QQ, I made a mistake in a couple of resistor values for setting the collector current. With the values shown in the schematic, the transistors aren't biased on.

Change R6 from 470 ohms to 220 ohms and change R7 from 100 ohms to 39 ohms. The value of R7 might have to be tweaked a tad lower to get 15-20 ma of collector current. (Parrarel a 1K to 2.2K resistor across R7 to get the current in the right range)

Sorry about that..

72,

Steve, KD1JV in the white Mountains of New Hampshire
"melt solder"

Date: Wed, 23 Feb 2000 10:52:19 -0600
From: "Deitz, Harold L." <hdeitz@ms.rose.cc.ok.us>
To: "'qrp-l@lehigh.edu'" <qrp-l@lehigh.edu>
Subject: [63894] Kits
Message-ID: <0974781F4FC8D211A24600902727E806011B1F44@saturn.rose.cc.ok.us>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

All,

My wife wants to build a kit. I was thinking that a DSW-30 would be a nice addition to the shack. How much are they and where do I order one?

Hal - WB9VMY

Date: Wed, 23 Feb 2000 11:55:39 EST
From: GElam30092@aol.com
To: hdeitz@ms.rose.cc.ok.us, qrp-1@lehigh.edu
Subject: [63895] Re: Kits
Message-ID: <c4.1807b74.25e56b0b@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

In a message dated 2/23/00 9:53:53 AM US Mountain Standard Time,
hdeitz@ms.rose.cc.ok.us writes:

<< How much are they and where do I order one? >>

Small Wonder Labs.....

<http://www.smallwonderlabs.com/>

Date: Wed, 23 Feb 2000 09:09:23 -0800
From: "Bob Tellefsen" <n6wg@earthlink.net>
To: <qrp-1@Lehigh.EDU>
Subject: [63896] Re: HELP--need ideas re magnifying lens
Message-ID: <01bf7e20\$bb8ff410\$e1dbfc9e@ham.earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi Doc

I'm using one of the illuminated magnifiers on my bench. It's an absolute necessity, not an accessory. It has a 5" diameter lens, and a circular fluorescent tube that surrounds it. Puts a great light on whatever you look at, getting it from all sides.

It's base swivels on the clamp that holds it to the bench. Makes it helpful for when I drop something on the shop floor. I just swing the lamp over the floor, and lower the light a ways to help search for that *&%#@ part I just dropped.

Don't remember the price. Think I got it at an office supply store, maybe on sale. Even at regular price, you gotta have one.

73, Bob N6WG

Date: Wed, 23 Feb 2000 09:17:41 -0800
From: "Bob Tellefsen" <n6wg@earthlink.net>
To: <qrp-1@Lehigh.EDU>
Subject: [63897] Re: MRX-40 Mod?
Message-ID: <01bf7e21\$e44a2c30\$e1dbfc9e@ham.earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Ed
You could try two diodes in parallel. Worked ok in my MRX-40.
73, Bob N6WG

Date: Wed, 23 Feb 2000 09:20:12 -0800
From: "Bob Tellefsen" <n6wg@earthlink.net>
To: <qrp-1@Lehigh.EDU>
Subject: [63898] Re: General Coverage Rcvr Recommendations
Message-ID: <01bf7e22\$3de726d0\$e1dbfc9e@ham.earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Ed
Sounds like you want to use it as a frequency counter, for all practical purposes.
I've picked up several frequency counters cheap at flea markets. You could give that a try.
Sometimes they appear to be dead. Usually turns out to be the input FET got blown. The ones I've fixed were easy to do. Almost any decent rf FET from the junk box got them going again.
73, Bob N6WG

Date: Wed, 23 Feb 2000 12:31:25 EST
From: Macstein@aol.com

To: qrp-1@lehigh.edu
Subject: [63899] [CLUBS] Is the NJ-QRP site down?
Message-ID: <d.1d03d10.25e5736d@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

I've been unable to access the New Jersey QRP Club website for the last couple of days. Is it under construction? I'm using: http://www.njqrp.org/

BTW, I (and some fellow Swamp Rats) used George's "WHY QRP?" as the basis of a presentation at a club meeting this week with a very favorable reception. Thanks for this great resource!

-MAC-
AF4PS
Odessa, FL

Date: Wed, 23 Feb 2000 11:39:10 -0600
From: Fairbairn Bob-C12509 <C12509@NAmerica.mot.com>
To: "'cgreene7@juno.com'" <cgreene7@juno.com>, Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [63900] RE: HELP--need ideas re magnifying lens
Message-ID: <034D8B328BD3D311BDC0009027E33C17033787@il06exm22.corp.mot.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="windows-1252"

Stay away from the halogen, WAY too HOT.....
72 KF90A

-----Original Message-----
From: Charles R Greene [mailto:cgreene7@juno.com]
Sent: Wednesday, February 23, 2000 10:14 AM
To: Low Power Amateur Radio Discussion
Subject: Re: HELP--need ideas re magnifying lens

On Tue, 22 Feb 2000 19:09:29 -0600 "Nick Kennedy"
<nkennedy@tcainternet.com> writes:

Yes they do, Nick. It took me awhile to find them even in

the catalog. Try Workstation Lighting. Cat #910-3530, 5" with circline lamp, \$54.99; #910-3529, 4" with regular 60 watt lamp, \$16.99; #910-3531, 5"

with Halogen lamp, \$64.99. Call 1-800-442-7221, or www.radioshack.com. You can also get a catalog. Their tools are pretty reasonable too. Someone was asking about a flush cutter. Under pliers and IC Tools, #910-3735, \$3.99. They are a little less on some parts, but it pays to shop around.

72/73 Chas W1CG

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> They hide 'em good.
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> "magnifier", "magnifying", and "lens" all give zero hits.
>
> What did you search on?
>
> Nick, WA5BDU
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>
> ----- Original Message -----
> From: "Charles R Greene" <cgreene7@juno.com>
> To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
> Sent: Tuesday, February 22, 2000 6:22 PM
> Subject: Re: HELP--need ideas re magnifying lens
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> > On Tue, 22 Feb 2000 13:53:10 -0500 "Wilford D. Lindsey"
> > <70511.3041@compuserve.com> writes:
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> > Doc,
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> > www.Radioshack.com has threee different models, all good,
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> >
> > Chas, W1CG
> >
> > > Gang:
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> > > My eyesight continues to deteriorate, now more rapidly
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> > > 72,
> > > --Doc Lindsey/K0EVZ
> > > DSBF
> > > PO BOX 6028
> > > Bismarck, ND 58506
> > > K0EVZ@arrl.net
> >
>

Date: Wed, 23 Feb 2000 09:47:29 -0800
From: Bill Jones <kd7s@psnw.com>
To: bill@pcatexas.com, qrp-1@lehigh.edu
Subject: [63901] SoundBlaster Test Gear
Message-ID: <38B41D31.72B7D7FD@psnw.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Bill et al,

Check the following URL:

<http://nwfs1.rz.fh-hannover.de/~heineman/freeware.htm>

for some very handy test gear that uses a SoundBlaster card. Among the selection is a nice little oscilloscope as well as an audio sweep generator. I used the sweep generator to align some audio filters I was building. Last time I looked there was an audio frequency counter there too. That helped me get the sidetone on my NorCal 20 set for RTTY use. Hope this helps.

Bill Allen wrote:

>
> I am having a bit of difficulty doing the audio alignment, matching the
> tones. Just a problem with my hearing, not the unit. Does anyone know of
> some software that I could get a hold of so that I can feed the DSW's audio
> into my sound card on my PC and analyse it like with an O-SCOPE? I think I

> have the alignment close, but would like to do a better job of it.

--

Bill Jones - KD7S <><
Sanger, California
<http://www.psnw.com/~kd7s>

Date: Wed, 23 Feb 2000 11:51:29 -0600
From: DONALD DORN <DDORN@CWIS.NET>
To: Low Power Am Radio Diss <QRP-L@LEHIGH.EDU>
Subject: [63902] POQET PLUS NULL MODEM CABLE
Message-ID: <38B41E20.2828@CWIS.NET>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

HALP!!

Can somebody point me to a diagram of a null modem cable connections for my Poqet PC Plus? Somebody mentioned that there was one in the users guide but mine does not have it. I dont know if it's missing a page or what.

One more question: The pin configuration for the DB25 and the 9 pin connector are reversed on the bottom row of pins, right? That's the way I am seeing the numbering on the connectors.

73,
Don K5AAR
Lake Eufaula, Ok.

Date: Wed, 23 Feb 2000 13:14:08 -0500
From: "Jim Nestor" <nestoji@home.com>
To: "George Heron N2APB" <n2apb@erols.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>, <Macstein@aol.com>
Subject: [63903] Re: [CLUBS] Is the NJ-QRP site down?
Message-ID: <000901bf7e29\$c7a37340\$02646464@tower>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I just tried and cannot access the njqrp site either.

Jim,WK8G
nestoji@home.com

----- Original Message -----

> I've been unable to access the New Jersey QRP Club website for the last
> couple of days. Is it under construction? I'm using: <A
> HREF="http://www.njqrp.org/">http://www.njqrp.org/
>

Date: Wed, 23 Feb 2000 11:17:00 -0700
From: "Mugleston, Brad" <brad.mugleston@gwl.com>
To: cqclist <CQC@FRAN.CHISP.NET>, qrp-l <qrp-l@lehigh.edu>
Subject: [63904] QST!!!
Message-ID: <F9645092A142D3118CBD00805F15292E064A5DBC@eb-mail1.gwl.com>
MIME-Version: 1.0
Content-Type: text/plain

I got my March QST yesterday - looking at the cover and the stuff inside
you'd think the whole world was QRP - well except for the two page add for
1500 W amps. I've just got started reading it but it looks great. Come to
think of it there seemed like a lot of Amp ads - hope those good buddies
don't get mad and stop producing those shack warmers, well maybe that
wouldn't be so bad.

Anyway, if you haven't see it go get one and THANKS TO QST for a great job.

de KI00T, Brad

Date: Wed, 23 Feb 2000 11:16:20 -0700
From: "Charles L. Stackhouse" <cstack@safelink.net>
To: <qrp-l@Lehigh.EDU>
Subject: [63905] Magfifying light on workbench
Message-ID: <00cb01bf7e2a\$2fde7ea0\$730d84d0@safelink.safelink.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

>I'm using one of the illuminated magnifiers on my bench. It's an absolute

>necessity, not an accessory. It has a 5" diameter lens, and a circular
>fluorescent tube that surrounds it. Puts a great light on whatever you
look
>at, getting it from all sides.

I agree. A note of caution however. Mine puts out much electrical "noise" in
the form of a rough sine wave at 51.7 kHz. as I have often seen on the
oscilloscope. If the light is on directly over a project, a few of my
breadboarded
digital or microprocessor projects would not work until I switched off the
light. If the cable from the oscilloscope probe to the scope is coiled up
near the lamp, it makes an effective "pick up" loop for this noise.
Straightening the cable usually keeps the noise out of the scope. So, if
something is just not right, try the quick test of switching off the
fluorescent light.

Charlie WA2IPZ
Burley, Idaho
cstack@safelink.net

Date: Wed, 23 Feb 2000 13:28:15 -0500
From: "J. Ervin Bates" <w8erv@email.msn.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [63906] Re: QST!!!
Message-ID: <019101bf7e2b\$c08fb440\$6f27113f@win98>

WOW! QST should have been called QRP this month!!! Tons of stuff in there
for the QRP'er. Do you think they are on the bandwagon, given the
"resurgence" in low power popularity?

72/74,
Erv W8ERV

HamFair2000 is coming...ask me about it!
"Dare to Dream-It Sets Your Spirit Free!"

10-10# 70639 - QRP-ARCI# 9702 - SOC# 41
QRP-L #1569 - NorCal Zombie #

Date: Wed, 23 Feb 2000 13:29:07 EST
From: N10DL@aol.com
To: qrp-l@lehigh.edu
Subject: [63907] TT2 arrived at my door today!
Message-ID: <36.278f9c3.25e580f3@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

The mailman dropped of a neat little packet today at my office. TT2. the postman thought I was crazy when I saw it come in the door. Hope to build it tonight before my schedule with Pat, VE6AAN from western Canada.
Can't wait to get it on the air and find other TT2's out there to chat with. OK...also with all you QRO,ers (qrp) too. (major grin)
Will let you know when it is done and on the air.
Thanks George, didn't mean to bug you...
Aron
N10DL
Bedford, NH
FISTS#4110 QRP-L#1326 G-QRP#9946 SOC#10

Date: Wed, 23 Feb 2000 13:49:57 -0500
From: "Everhart, Joseph @ CSE" <jeverhar@mail.cse.l-3com.com>
To: "'Macstein@aol.com'" <Macstein@aol.com>
Cc: "'qrpl'" <qrp-l@lehigh.edu>, "'njqrp'" <njqrp@njqrp.org>
Subject: [63908] RE: [CLUBS] Is the NJ-QRP site down?
Message-ID: <56AE25C909CED311BEA70000D11AD11E3A0AD5@l3c-xchg-cse.mail.cse.l-3com.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

Gang,

I was able to get a message yesterday that the server was down due to some severe problems. Guess it's still down today since no one can get in!

Joe E.

-----Original Message-----
From: Macstein@aol.com [mailto:Macstein@aol.com]
Sent: Wednesday, February 23, 2000 12:31 PM
To: Low Power Amateur Radio Discussion

Subject: [CLUBS] Is the NJ-QRP site down?

I've been unable to access the New Jersey QRP Club website for the last couple of days. Is it under construction? I'm using: http://www.njqrp.org/

BTW, I (and some fellow Swamp Rats) used George's "WHY QRP?" as the basis of a presentation at a club meeting this week with a very favorable reception.

Thanks for this great resource!

-MAC-
AF4PS
Odessa, FL

Date: Wed, 23 Feb 2000 11:02:19 -0800 (PST)
From: Doug Simpson <dsimpson@darkwing.uoregon.edu>
To: "Charles L. Stackhouse" <cstack@safelink.net>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [63909] Magnifying lights on sale (at RadioShack.com)
Message-ID: <Pine.GS0.3.96.1000223104036.28808A-1000000@darkwing.uoregon.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I was looking at the soldering irons on sale and noticed there are two magnifying lamps too:

Dana Model 3700
5" lens
22W florescent circular lamp
Regular price - 54.99
Sale price - 34.99

Dana Model 3750
5" lens
20W Halogen lamp
Regular price - 64.99
Sale price - 49.99

See page 2 of .pdf flyer on the site at:

http://www.radioshack.com/MonthlySpecials/Online/Booklets/02_00/wire.pdf

Usual disclaimers: not working there, just drop by to try and catch the

great close-outs I hear about on this list (but they're never in the Radio Shack stores _I_ live near... :()

Doug Simpson (WA7SKY)
Eugene, OR

Date: Wed, 23 Feb 2000 11:10:15 -0800 (PST)
From: "Robert P. Okas" <vintage@best.com>
To: qrp-l@lehigh.edu
Subject: [63910] Magnifying lamps, etc.
Message-ID: <Pine.BSF.4.21.0002231049330.19530-1000000@shell114.ba.best.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi All,

I have a magnifying lamp clamped to my workbench and I've used it quite frequently in the past. However, I found that this aging baby boomer's eyes could stand a little more light than the circline lamp provides. It's also cumbersome to keep moving the magnifier into a good viewing position.

A solution that works quite well for me is a headband magnifier. I picked one up for \$10 at a swapmeet a while ago and can't do without it now. There are two pairs of lenses, one fixed and one that flips into position. I usually use just the fixed lens, which offers about 2x magnification. The flip down brings it up to about 5x. There's also an additional monocular lens that can be swung into position, giving about 20x total magnification for close inspections. For illumination, I use a swing arm incandescent lamp with a 100W bulb.

What I like about it is that I can move about without having to readjust anything. With the headband adjusted a certain way, I can peer under the lenses for normal viewing. There's no problem of breath fogging either.

73,
Bob - W3CD

Date: Wed, 23 Feb 2000 14:07:14 -0500

From: "Everhart, Joseph @ CSE" <jeverhar@mail.cse.l-3com.com>
To: "'qrpl'" <qrpl@lehigh.edu>
Subject: [63911] RE: [CLUBS] Is the NJ-QRP site down?
Message-ID: <56AE25C909CED311BEA70000D11AD11E3A0AD7@l3c-xchg-cse.mail.cse.l-3com.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

Hmmm,,

Well I cc'ed the message to the njqrp reflector but it was not reflected so I guess they are really down.

I'm not complaining, mind you, jsut spreading the word.

Joe E.

Earlier, I wrote:

>Gang,
>
>I was able to get a message yesterday that the server was down due to
>some severe problems. Guess it's still down today since no one can
>get in!
>
>Joe E.
-

Date: Wed, 23 Feb 2000 14:20:16 -0500
From: Bruce Muscolino <w6toy@erols.com>
To: qrpl@lehigh.edu
Subject: [63912] Speaking of websites
Message-ID: <38B432F0.6188@erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Where is the QRP ARCI site? I have been getting a 'no dns' message for three days!

Date: Wed, 23 Feb 2000 14:19:27 -0500
From: "Ed Hare, W1RFI (w1rfi@arrl.org)" <w1rfi@arrl.net>
To: qrp-1@lehigh.edu
Subject: [63913] QRP Special Event from Newington CT 2/26 through 2/27
Message-ID: <891c18\$m8a\$1@p1k.arrl.org>

Hi, fellow QRPers,

With a few other central Connecticut QRP ops, I am hosting a special event this weekend. We call it the "Great Super Secret QRP Special Event." The event will begin at 2300 UTC on Saturday evening, with an inaugural QSO on schedule, followed by general operating throughout the weekend. Although the event will involve the original Tuna Tin 2 on 40 meters, we will also have a 5-W 20 meter station, and maybe a 30 meter station, running through the weekend. Some 15 meter activity may also take place. The "Super Secret" is the call sign we are using, but suffice it to say, you will know it when you hear it.

Those that work the station will receive a QSL and a nice certifi-cat.

Not to let the cat out of the bag (groan!), let me just offer that this is one that you won't want to miss. The first QSO is scheduled to take place at 2300 UTC sharp, on either 7041.5 kHz (using one of the NJ QRP club TT2 crystals) or, if there is too much QRM on that frequency, on 7039.7 kHz. I invite all QRPers to listen in to this historic QSO and then work the special event. Even if you hear only a few bits of that first QSO, you will be glad you did. :-)

If any of you figure out the secret, keep it a secret until the event starts, then tell all your friends you were there!

73,
Ed Hare, W1RFI

Date: Wed, 23 Feb 2000 15:18:43 -0500
From: "Don Wilhelm" <w3fpr@arrl.net>
To: <DDORN@CWIS.NET>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [63914] Re: POQET PLUS NULL MODEM CABLE
Message-ID: <007301bf7e3c\$0bfe0e80\$832c1004@dbw11main>
MIME-Version: 1.0

Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Don,

Not very difficult, there are 2 configurations - a null modem with handshaking connects Rx on one end with Tx on the other, similarly RTS on one end connects to CTS on the other, and DCD connects to DTR, then locally at EACH end, DCD connects to DSR. The ground connections are connected from one end to the other with no swap in the pins.

If your devices do not use handshaking, connect the grounds and Tx and Rx the same as the handshaking model, then on each end jumper RTS to CTS, and DSR to both DCD and DTR to keep the device(s) happy on each end should it be monitoring the handshaking signals. I'd try the handshaking configuration first, and if it doesn't work then switch to the non-handshaking version.

Which pin is which? Well, for the DB25 connector, pins 1 and 7 are ground, pin 2 is Tx, pin 3 is Rx, 4 = RTS, 5 = CTS, 6 = DSR, 8 = DCD, 20 = DTR, and if you need it, 22 = RI.

For the DB9: 1=DCD, 2 = Rx, 3 = Tx, 4 = DTR, 5 = Gnd, 6 = DSR, 7 = RTS, 8 = CTS, and 9 = RI.

BTW, this info is in my ARRL handbook for 1999.

I assume you have a standard DB9 or DB25 on your Poquet - if you have some different type, you will have to look up the corresponding pins in your user manual.

Yes the pins are numbered starting at the long row, go down one side and then come back to the starting end for number 6 or 14. They do not wrap around one end like IC pin numbering.

----- Original Message -----

From: DONALD DORN <DDORN@CWIS.NET>

To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

Sent: Wednesday, February 23, 2000 12:51 PM

Subject: POQET PLUS NULL MODEM CABLE

> HALP!!

> Can somebody point me to a diagram of a null modem cable connections for
> my Poquet PC Plus? Somebody mentioned that there was one in the users
> guide but mine does not have it. I don't know if it's missing a page or
> what.

>

>

NetZero - Defenders of the Free World
Get your FREE Internet Access and Email at
<http://www.netzero.net/download/index.html>

Date: Wed, 23 Feb 2000 13:26:19 -0700
From: "Marshall Emm" <mgemm@ntechnologies.com>
To: qrp-1@lehigh.edu, cqclist@cqc.org
Subject: [63915] CQC QSO Party This Sunday
Message-ID: <200002232024.NAA13689@edison.chisp.net>
MIME-Version: 1.0
Content-type: text/plain; charset=ISO-8859-1
Content-transfer-encoding: Quoted-printable

CQC Winter QSO Party

sponsored by the Colorado QRP Club

When: from 2200 UTC Feb. 27 until 0359 UTC Feb. 28.

Band/Mode: CW - 1.825 3.560 3.710 7.040 7.110 14.040 21.060 21.110 28.060
28.110 Phone - 1.910 3.985 7.285 14.285 21.385 28.385

Exchange: RS(T), state/province/DXCC country, first name, and CQC no.
or power output.

Classes: CW and Phone. Single band, Multiband, and Homebrew. Single
operator only.

Score: 6pts/4pts/CW QSO with member/non-member; score 3pt/2pts/phone QSO
w/member/non-member.

Final score is QSO pts X states/provinces/DXCC countries X number of
first names worked, one/letter of the alphabet, 26 max. Bonus points for
working W0CQC station =96 1000 points.

Entry: Electronic logs in ASCII text format only, may be sent to:
contest@cqc.org

Mail logs to:
CQC Contest
POB 371883
Denver CO 80237-1883

For sample Log, and Name sheets, send SASE and one unit first

class postage to:

Jim-KG0PP-CQC Contest
POB 31575
Aurora CO 80041-0575

See Colorado QRP Club site on the web at www.cqc.org

Date: Wed, 23 Feb 2000 14:29:03 -0600
From: "Gary Lee Phillips" <ka9nzi@arrl.net>
To: qrp-l@lehigh.edu
Subject: [63916] Web site down?
Message-ID: <200002232029.0AA09020@mail.lib.colum.edu>

Has something happened to www.qrparci.org?
I've been unable to reach it all day Wednesday.

"Host not found" is the error message.

-- Gary Phillips, Marengo, IL <mailto:ka9nzi@arrl.net>
KA9NZI, Seneca Twp., McHenry Co., IL Grid: EN52rg
QRP-ARCI #5154 <http://www.netcom.com/~fuffle/>

Date: Wed, 23 Feb 2000 15:37:38 -0500
From: Tim Soxman <tims@hhs.net>
To: qrp-l@Lehigh.EDU
Subject: [63917] TIC/MFJ-90XX interface
Message-ID: <38B44511.94BCB7E3@hhs.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi,

Has anyone stuffed a TIC-1 thru 4 into the MFJ-9040 QRP rig? I'd
be interested in your interface.

73
Tim

W3ZVT

Date: Wed, 23 Feb 2000 15:37:14 -0500 (EST)
From: James Skalski <jskalski@localnet.com>

To: qrp-1@Lehigh.EDU
Subject: [63918] Low current keyboard?
Message-ID: <Pine.LNX.4.20.0002231534390.479-1000000@valhalla.valhalla.buffalo.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

A while back there was a discussion of which Computer keyboards were small and drew the least current. Does anyone recall the reference or supply a source for such a keyboard?

73,

Jim n2go

Date: Wed, 23 Feb 2000 15:42:18 -0500
From: "Everhart, Joseph @ CSE" <jeverhar@mail.cse.l-3com.com>
To: "'w6toy@erols.com'" <w6toy@erols.com>
Cc: "'qrpl'" <qrp-1@lehigh.edu>
Subject: [63919] RE: Speaking of websites
Message-ID: <56AE25C909CED311BEA70000D11AD11E3A0AD8@l3c-xchg-cse.mail.cse.l-3com.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

Bruce and all...

One of the search engines I tried for qrp-arc info returned a non-aliased URL for them that indicates that it is on vramp.net, the same service that hosts njqrp. so....

72/73,

Joe E., N2CX

-----Original Message-----
From: Bruce Muscolino [mailto:w6toy@erols.com]
Sent: Wednesday, February 23, 2000 2:20 PM
To: Low Power Amateur Radio Discussion
Subject: Speaking of websites

Where is the QRP ARCI site? I have been getting a 'no dns' message for three days!

Date: Wed, 23 Feb 2000 15:47:23 -0500
From: Michael Bower <bowerm@ix.netcom.com>
To: unlisted-recipients;; (no To-header on input)
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [63920] Re: QRP Special Event from Newington CT 2/26 through 2/27
Message-ID: <38B4475B.9B83B17D@ix.netcom.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Any plans to run anything on the novice portions of the bands?

Michael - N4NMR

"Ed Hare, W1RFI (w1rfi@arrl.org)" wrote:

> Hi, fellow QRPers,
>
> With a few other central Connecticut QRP ops, I am hosting a special event
> this weekend. We call it the "Great Super Secret QRP Special Event." The
> event will begin at 2300 UTC on Saturday evening, with an inaugural QSO on
> schedule, followed by general operating throughout the weekend. Although
> the event will involve the original Tuna Tin 2 on 40 meters, we will also
> have a 5-W 20 meter station, and maybe a 30 meter station, running through
> the weekend. Some 15 meter activity may also take place. The "Super
> Secret" is the call sign we are using, but suffice it to say, you will know
> it when you hear it.
>
> Those that work the station will receive a QSL and a nice certifi-cat.
>
> Not to let the cat out of the bag (groan!), let me just offer that this is
> one that you won't want to miss. The first QSO is scheduled to take place
> at 2300 UTC sharp, on either 7041.5 kHz (using one of the NJ QRP club TT2
> crystals) or, if there is too much QRM on that frequency, on 7039.7 kHz. I
> invite all QRPers to listen in to this historic QSO and then work the
> special event. Even if you hear only a few bits of that first QSO, you will
> be glad you did. :-)
>
> If any of you figure out the secret, keep it a secret until the event
> starts, then tell all your friends you were there!
>
> 73,
> Ed Hare, W1RFI

Date: Wed, 23 Feb 2000 15:29:23 -0500
From: Stuart Rohre <rohrer@arlut.utexas.edu>
To: qrp-1@Lehigh.EDU
Subject: [63921] Re: ANTS: end fed wire QRP RFI
Message-ID: <38B44324.B5522277@arlut.utexas.edu>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

About an end fed wire: With a ground lead of 8 feet you have a high impedance at the rig on 10M, (8 ft. about a quarter wave). (Been there done that with bad results on my Novice station!) :-). What kind of earth is your rod in? Most earth rods are useless at RF unless you live where there is high conductivity in the soil, or salt water marsh. Ground rods are for static dissipation, and radials would be a better investment to improve your RF ground. Another method uses a so called counterpoise wire, and a series tuned circuit such as the neat kit from Ten Tec to present a low RF impedance on the ground side to the rig. The counterpoise can be some random length, but a quarter wave at the lowest band might not need the tuned circuit at all. These things vary with local coupling and conductors in the near field.

Now the main characteristics of end fed wires, (depending in length,) is high voltage feed at the end, (at your rig), and the possibility of RF in the shack. This can be variable depending on how much current you have in the system, ie lower current of QRP is higher impedance, while at higher power, you may be breaking down surface resistance in some part of the ground system and actually improving results, because of increased current flow and lower impedance in the problem connection.

Another factor in end fed wires, is at higher bands, or longer lengths, they fire directionally off the end, and have a narrow pattern. If the end is in an unfavorable direction, you may not work out very well.

Is there any way you can put up a center fed dipole? These have worked much better over 42 years than my Marconi or my end fed 400 ft. wire. They work in most directions, when less than a half wave high. An elevated quarter wave vertical with four radials elevated above the walking area of the yard also works well. For ground mount, you might need 60 radials to get really good results, thus I use elevated verticals. If you have a tall tree, you can hang one from a high branch, or even hang a vertical half wave dipole, center fed. Bring the feeder off at right angles with support by tree limbs or thin line. The half square is almost an end fed antenna when one end is close to the shack, and can be hung with multiple wires nested to cover more bands. It is fed in the corner, above a quarter wave vertical wire, and at the end of its

half wave horizontal wire, that goes to the other vertical wire at the far end. It offers gain over the simple dipole.

When sunspots are high, as now; almost anything will work stations, but for longer term (11 year cycles) results, a good resonant antenna is the way to go. I was reading John Kraus's (W8JK), book "Antennas" this morning, and he points out the 4X advantage of resonant antennas over non resonant. (This is in the discussion of effective aperture.)

It is unusual for QRP to be worse for RF in the shack than QRO, but a varying connector resistance with amount of current flow, in the antenna ground system, would be one explanation. The other is how well shielded is the QRP rig, vs. the QRO? Hope this points you to solutions.

72, Stuart K5KVH

Date: Wed, 23 Feb 2000 13:45:53 -0800 (PST)
From: Bob Kimbrell <kimbrell@netcom.com>
To: "Wilford D. Lindsey" <70511.3041@compuserve.com>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [63922] Re: HELP--need ideas re magnifying lens
Message-ID: <Pine.3.89.10002231355.A17774-01000000@netcom12.netcom.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I like the headband style magnifier. There is a product called "Mag-Eyes" which you can get at craft stores. It's targeted toward people who do needlepoint. You can use it with your glasses because the lenses are a few inches away from your face. It comes with 2.5X and 4X lenses and runs about \$30. I can see better for soldering with the Mag-Eyes than I ever could before I started to lose my close-up vision.

73,
Bob AC7BN
Kingman, AZ

Date: Wed, 23 Feb 2000 16:45:43 EST
From: FrConrad@aol.com
To: QRP-L@lehigh.edu
Subject: [63923] SOP Receiver
Message-ID: <63.224b9e3.25e5af07@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

A couple of months ago a club was kitting an amateur receiver called the SOP, or "Seat of the Pants" receiver, or something of the sort.

Does anyone remember this, and can someone direct me to the info?

TNX

John+
WB6MFS

Date: 23 Feb 00 21:50:11 America/Fort_Wayne
From: M Goins <mgoins@usa.net>
To: qrp-1@Lehigh.EDU
Subject: [63924] microphone suggestion
Message-ID: <20000223215011.5173.qmail@aw163.netaddress.usa.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: quoted-printable

My station consists of a Sierra and a Kenwood 440 that I use at 1 watt. Currently I'm using a Heil headset with the kwood and have had excellent = audio reports and been able to get through medium size pileups fairly well. I recently bought a a set of Koss phones and now realize what I can't hear = with the Heil phones. =

Anyone with suggestions regarding the best mike for the kwood? Anyone using the heil goldline? heil 10? Impressions? SOMething else? =

My voice is medium range, not too bassy or too high. Could realy use some= help here to get the 1 watt through when working ssb.

thanks for the bandwidth.

mike
wb5yjx
soc54

Get free email and a permanent address at <http://www.amexmail.com/?A=3D1>

Date: Wed, 23 Feb 2000 16:58:33 +0000
From: "Benjamin F. Poinsett" <benmail@erols.com>
To: qrp-l@lehigh.edu
Cc: bshort@speedchoice.com
Subject: [63925] Re: Workbench
Message-ID: <38B411B6.5BB9@erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Brian,

Sounds like you have a nice start for an excellent workbench.

I've found that things happen when working on the workbench. That is, solder slop, soldering iron burns, etc. To prevent these unfortunate events from marring the bench surface, I get a piece of Masonite to cover and protect the bench surface when I'm working on it.

Since I now live in a condo my workbench is my operating desk. So it's mandatory I have such a cover.

Good luck and happy homebrewing,

Ben Poinsett, K3BP

Date: Wed, 23 Feb 2000 15:00:45 -0700
From: Bob Hightower <nk7m@extremezone.com>
To: qrp-l@lehigh.edu
Subject: [63926] OT: Ban use of Cellphones?
Message-ID: <200002232205.PAA12722@enterprise.extremezone.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

This is not a slam at mobile cellphone users, but a warning to all mobile hams, HF and otherwise.....

The March 2000 QST has, on page 15, some excerpts of legislative proposals banning the use of cell phones while driving. Note closely, that, in some of them, they would also ban the use of "any electronic device not installed by the manufacturer, and not essential to the operation of the

motor vehicle".

Whoa, here! Colorado's proposal even specifically includes CB radios, and could be stretched to include VHF-UHF gear. New York excludes CB radios, but doesn't address (in the excerpt) Ham radio.

Use of 'hands-free' equipment seems to be OK.

How many manufacturers install Amateur gear in their vehicles? None that I know of.

The long and short of it is, before you support any such legislation, make sure that you (we) are not shooting ourselves in the foot!

Bob Hightower NK7M
Chandler, AZ
SOC #20

<http://www.extremezone.com/~nk7m>

Date: Wed, 23 Feb 2000 14:20:02 -0800
From: Radman <radman@best.com>
To: "'FrConrad@aol.com'" <FrConrad@aol.com>, Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [63927] RE: SOP Receiver
Message-ID: <01BF7E09.176BA800@radman.vip.best.com>

Father John & the gang,

I *believe* you're thinking of the Fireball "SOP" Receiver Kit designed by Joe Everhart, N2CX - of NJQRP Club fame. Point your browser to URL:
[http://www.njqrp.org/meetings/07-10-99/index.html#The KI6DS Report of the Meeting](http://www.njqrp.org/meetings/07-10-99/index.html#The%20KI6DS%20Report%20of%20the%20Meeting)

<page down> and you'll find a nice description of the "SOP" receiver. Naturally, Joe Everhart could provide additional info, I'm sure :)

72/3,

Conrad Weiss - NN6CW

Subject: SOP Receiver

A couple of months ago a club was kitting an amateur receiver called the SOP,
or "Seat of the Pants" receiver, or something of the sort.

Does anyone remember this, and can someone direct me to the info?

TNX

John+
WB6MFS

Date: Wed, 23 Feb 2000 14:35:34 -0800
From: "Lou (wb6lqd)" <hummba@pacbell.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [63928] FS: SIMPSON 0-1 AMP RF PANEL METER
Message-ID: <38B460B6.C987AEC8@pacbell.net>
MIME-version: 1.0
Content-type: text/plain; charset=us-ascii
Content-transfer-encoding: 7bit

QTY 5 SIMPSON 0-1 AMP RF PANEL METER
 MODEL MR25W001RFAA

NEW PERFECT CONDITION 0-1 AMP RF DIRECT READING PANEL METER.

Meter is Packaged in Original Box
Template and Mounting Screws Included
Meter Face Size is 2 3/4" Mounting Hole Size is 2 1/4"
PRICE \$10.00 EA. Plus Postage \$3.50 Priority Mail USPS
(United States Postal Service)

Picture can be Viewed At:
<http://www.angelfire.com/ca/fisherfarms/SIMPSON01AMPRF.jpg>

Interested ? Please Respond By Email
73's.....Lou--WB6LQD
email - hummba@pacbell.net

Date: Wed, 23 Feb 2000 21:33:27 +0000
From: Larry Cahoon <wd3p@juno.com>
To: qrp-1@Lehigh.EDU
Subject: [63929] CQ DX Contest and QRP
Message-ID: <20000223.223731.4334.1.wd3p@juno.com>

I picked up the following from the county hunter forum and thought I'd pass on the comment about QRP activity.

Ed, I think we had the best band conditions up north that I have heard in years for a dx contest. Operated at N0IJ multi-op 2 transmitter station. Ended up with about 1000 qso's on each of 10,15 and 20 and 500 on 40m. 100's of qrp and 100w Europe and Asian stations. Had a blast. 73,
John AF9T

73 de Larry.....WD3P in MD

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<http://dl.www.juno.com/get/tagj>.

Date: Wed, 23 Feb 2000 22:50:41 +0000
From: Larry Cahoon <wd3p@juno.com>
To: nk7m@extremezone.com, qrp-1@Lehigh.EDU
Subject: [63930] Re: OT: Ban use of Cellphones?
Message-ID: <20000223.225229.4334.2.wd3p@juno.com>

On Wed, 23 Feb 2000 15:00:45 -0700 Bob Hightower <nk7m@extremezone.com> writes:

>of them, they would also ban the use of "any electronic device not
>installed by the manufacturer, and not essential to the operation of
>the

While we should take these seriously this one sure goes to the extreme.

If I buy a car and install the radio (AM/FM/CD) on my own afterwards I cannot operate it as the driver. There goes my own GPS as well. I better not be making notes to myself on my tape recorder.

Better believe the police will take these seriously. We had a posting today on the Elecraft reflector where the fellow got a ticket in MD for driving with headphones on. He had an earphone in one ear. That is legal in his home state, but MD says "no headphones." This went in 5-10 yrs ago when some fellow managed to get himself killed by a train while riding his bicycle and listening to his walkman.

>Use of 'hands-free' equipment seems to be OK.

So in MD the "hands-free" better not include an earphone.

73 de Larry.....WD3P in MD

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<http://dl.www.juno.com/get/tagj>.

Date: Wed, 23 Feb 2000 18:05:52 -0500
From: Jim Thiessen <jthiessen@attcanada.net>
To: qrp-l@Lehigh.EDU
Subject: [63931] FS: Argosy II (525D)
Message-ID: <38B467D0.4696CA8F@attcanada.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

The following post is on behalf of Serge, VA3SB. Please contact him directly if interested.

Thanks

Jim,VA3KV

Rockland, Ont

>

> Can you post the following to the QRP-L for me.

>

> I have a Argosy II (525D) for sale. It is in great condition and

> works great (variable 0-50 watts - plus a 5 watt max position) and I have

> the original documentation for the rig. It has the model 224 audio CW

> filter, model 220 crystal filter the TT handleld microphone and

the
> model 225 power supply. I would be willing to send a jpg photo of the
rig
> to > interested parties. I am asking US\$450 (shipping included)
>
> If interested please send me an email to the following address:
> smbertuzzo@home.com
>
> The reason I am selling it is because I do not use it enough and
I
> need the money to buy a new rig.
>
>

Date: Wed, 23 Feb 2000 14:26:16 -0800
From: Ed Loranger <we6w@qsl.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [63932] Butterfly Capacitor building.
Message-ID: <38B45E88.CEAC0E5C@qsl.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Gang, I mentioned some prior references
to a great TX loop webpage. I found it
belonging to ON4CEQ. However, the magloop
information and the complete plans for building
your own low-loss butterfly capacitor are not
there anymore. I have emailed Tony and hope he
can reply soon with good news.

The magloop and many of my old URL's are not found
with a search engine (Many tried). I'm missing a
lot of references. Fortunately there is a stack
of papers somewhere in the garage to save my bacon.

Just gotta figure out which stack! ha.

72/Ed we6w

--

-72/Ed WE6W; A-1 OP; SOC #63 "AGN?"; QRP-L#1068
<http://www.qsl.net/we6w> Santa Rosa, CA
QRP-Z#106 AR#112 HI-QRP#64 ARCI#9397 ARS#275 Old NC#2227

Date: Wed, 23 Feb 2000 18:05:20 -0500
From: joe lerch <joelerch@earthlink.net>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [63933] 2nd floor RF ground & natural gas lines
Message-ID: <00022318162401.00441@->
Content-Type: text/plain
MIME-Version: 1.0
Content-Transfer-Encoding: 8bit

I have two questions, first and most importantly concerns safety, the other is performance.

I plan on using a 2nd or 3rd floor room for my qrp rig, however, there is no easy way to get to ground. I do have a cast iron radiator connected to the boiler in the basement with copper pipes. Feeding into the boiler is a copper water line (to automatically fill the system is water level drops below a certain level), which goes out through the wall under the sidewalk and street.. However, also feeding into the boiler is a natural gas line, which then also goes out through the basement wall under the sidewalk and street.

1. Is there any safety reasons not to use the radiator on the second floor as a rf ground, if so, would I be better off buying a MFJ artificial ground and using that?
2. Would this kind of rf ground for the rig be ok for good performance, or am I better off buying an artificial ground from MFJ ?

Thanks in advance,

joe (KC3GV)

Date: Wed, 23 Feb 2000 18:49:51 -0500
From: "Dave Benham" <dodgeboy@mindspring.com>
To: <qrp-1@Lehigh.EDU>
Subject: [63934] Re: Magnifying lamps, etc.
Message-ID: <008301bf7e58\$ae181960\$eab4aec7@hqa.chrysler.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

A source to find headband or clip on magnifiers is a sporting goods store that caters to fly fishing fly tiers. There are all sorts of combinations

available from flip-up things that clip onto your glasses to full headband units. Another source is a rock shop or jewelry shop (anyplace that caters to jewelry making or lapidary), but these are a little fewer and farther between.

Dave K8TRF

----- Original Message -----

From: Robert P. Okas <vintage@best.com>

To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>

Sent: Wednesday, February 23, 2000 2:10 PM

Subject: Magnifying lamps, etc.

> Hi All,

>

> I have a magnifying lamp clamped to my workbench and I've used it
> quite frequently in the past. However, I found that this aging baby
> boomer's eyes could stand a little more light than the circline lamp
> provides. It's also cumbersome to keep moving the magnifier into a good
> viewing position.

>

> A solution that works quite well for me is a headband magnifier. I
> picked one up for \$10 at a swapmeet a while ago and can't do without it
> now. There are two pairs of lenses, one fixed and one that flips into
> position. I usually use just the fixed lens, which offers about 2x
> magnification. The flip down brings it up to about 5x. There's also an
> additional monocular lens that can be swung into position, giving about
> 20x total magnification for close inspections. For illumination, I use a
> swing arm incandescent lamp with a 100W bulb.

>

> What I like about it is that I can move about without having to
> readjust anything. With the headband adjusted a certain way, I can peer
> under the lenses for normal viewing. There's no problem of breath fogging
> either.

>

> 73,

> Bob - W3CD

>

>

>

End of QRP-L Digest 1740
